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DEPARTMENT OF AGRICULTURE



AGRICULTURAL
STATISTICS
1939



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INTRODUCTION

This volume presents information formerly published (until 1935) in the statistical section of the Yearbook of Agriculture. It brings together what seem from experience to be the most important agricultural statistics of the United States and of the world so far as the agriculture of this country is concerned. Those who need data for years earlier than are here shown may refer to copies of the Yearbook of Agriculture prior to 1936 and to Agricultural Statistics, 1936, 1937, and 1938. Current statistics comparable with those here presented can be obtained from periodicals and mimeographed reports published by the Department. When the word "Yearbook" alone appears in this volume, it refers to the Yearbook of Agriculture, published by this Department.

ACREAGE, YIELD, AND PRODUCTION ESTIMATES

The Bureau of Agricultural Economics, through its crop and livestock reporting service, estimates acreage of crops, numbers of livestock, and production, farm utilization, prices paid to farmers, farm income from and farm value of crops, livestock, and livestock products.

Acreages for the census years (1909, 1919, 1924, 1929, and 1934) are based largely on the census. Estimates of acreages in recent intercensal years have been based on the year-to-year changes shown by approximately 160,000 records which rural mail carriers secure each year from individual farmers, supplemented in each State by such other indications of acreage or production as are locally available, including State enumerations, local surveys, frontage measurements, carlot shipments, elevator and warehouse receipts, cotton ginnings, tobacco sales, sugar-beet purchases, and acreages of special crops contracted by processing companies.

Yields per acre are estimates based in part on reports of one or more farmers in each agricultural township on the average yield per acre in their localities and in part upon yields derived from reports of acreage

and production of principal crops on individual farms. For all crops except cotton and a few minor crops, yields from 1919 to 1937 have been adjusted to be comparable with the census yields of 1919, 1924, 1929, and 1934. For cotton, acreage, yield and production have been revised in consideration of census data and other statistical data developed from the agricultural adjustment programs. The production agrees with census ginning enumerations, with some adjustments between States where cotton grown in one State was ginned in another. Linters are not included in cotton figures, unless so stated in the respective tables.

Estimates of farm stocks, farm sales, utilization, crop condition, and miscellaneous information concerning crops are based either upon sample data for individual farms or upon estimates of crop reporters for their localities supplemented by such check data as are available.

COMMERCIAL CROPS

The term "commercial" is used in connection with certain crop estimates to distinguish some part of the total production of a crop. Estimates of commercial truck-crop production are concerned only with those areas growing crops primarily to supply the large consuming markets more or less distant from the producing center. Production in home and market gardens, intended primarily for local sale, is excluded. Similarly with truck crops grown for commercial canning or manufacture, the estimates include only quantities grown for use by canning or packing establishments and exclude quantities canned in the home. For the commercial acreages in the areas concerned, the truck-crop estimates are intended to include the total production suitable for food marketing purposes (unless destroyed by natural cause before harvest), whether or not the entire crop finds a market or use. It is, therefore, customary practice to retain in these production estimates those quantities of produce which ordinarily would be marketable, but which are left unharvested because of adverse marketing conditions. The canning-crop estimates represent the total quantity of raw product used by packers or canners for manufacturing purposes, including cold-packing.

PRICES RECEIVED BY FARMERS

Monthly prices received by farmers are based on reports from special price reporters, who are mostly country buyers of or dealers in agricultural products. These are prices paid to farmers for all grades and qualities of a specific commodity. Most of these prices relate to the 15th of the month, and for current information and the preparation of index numbers the State averages are weighted by State production to secure a United States weighted average for the mid-month date. The seasonal (weighted) prices represent the State prices weighted by estimated sales during the marketing season. Farm values are computed mostly by applying the seasonal State price to the State production.

For commercial truck crops and canning crops, and for certain fruit crops, the prices shown are the estimated season averages of the prices received by farmers at the shipping point, including the cost of the container where this is a customary requirement of delivery. The December 1 price has been employed in computing farm values only

in the case of certain miscellaneous crops, where neither weighted averages of monthly prices nor estimates of average prices for the entire marketing season are available. These prices as of December 1 are obtained from an inquiry sent to farmers, on the regular December crop schedule, and are weighted by crop-reporting districts in each State.

The index numbers of prices received by farmers (farm prices) are, for the most part, based on mid-month prices of fixed quantities of farm products and are expressed as a percentage of the August 1909-July 1914 average. The ratio of these index numbers of prices received to the companion index numbers of prices paid by farmers indicates the changes in the exchange value, or purchasing power, per unit of farm products.

LIVESTOCK ON FARMS

Numbers of livestock on farms on January 1, 1920, 1925, and 1935, are based on the census enumerations as of those dates, supplemented by enumerations by State agencies, such as assessors' and brand-inspection boards, and by records of shipments. Numbers on January 1, 1930, give weight insofar as feasible to the numbers reported by the census of 1930 which was as of April 1, with allowance for indicated changes between January 1 and April 1. In the intercensal years the numbers of livestock are estimated by methods similar to those used for crop acreages. In this volume are shown historical revisions of estimates of numbers of chickens from 1925 to 1935.

The average value per head on January 1 is estimated from reports of correspondents relating to livestock in their vicinity. These tend to reflect inventory values as distinguished from the monthly prices which relate to sales. The farm value on January 1 is computed by applying the average value per head to the number on farms.

Estimates of production and farm utilization of livestock and livestock products are based upon sample data for individual farms, supplemented by check data of shipments, receipts, manufactures, and other similar data. In this volume are shown historical revisions of chicken and egg production for 1925 to 1935.

MARKET SUPPLIES AND PRICES

The market news service of the Bureau of Agricultural Economics supplies much of the information on market prices and movements. The leased-wire telegraph system in use by this service extends from the Atlantic to the Pacific Ocean and reaches most of the important markets. At each of the branch offices commodity specialists gather information regarding supply, market demand, and prices of the products on which they report. They observe sales actually made on the markets and are constantly in touch with the traders, who in many instances give them access to office records in order that specific information may be had, on which to base their reports.

Carlot shipments and market receipts of crops and livestock products are reported by officials and agents of railroads, express companies, and boat lines, or are compiled from trade publications. Shipments to market by motortruck have continued important, and at a few of the markets receipts by truck are reported by dealers and distributors. Data on receipts, slaughter, and shipments of livestock are obtained

from monthly reports submitted by the public stockyards. Data on cold-storage stocks are obtained directly from all important cold-storage warehouses, and data on commercial stocks of grain are reported by boards of trade, etc. Leaf-tobacco stocks are reported directly by dealers and manufacturers. Reports on the grade and staple of cotton ginned in the principal cotton-producing States are based on samples currently obtained from a substantial number of representative gins, a sample from every bale. Annually the grade and staple of the cotton on hand August 1 is reported.

Where a weighting factor is available, market prices as shown are weighted averages. But in many cases a weighting factor is not available, and the prices shown are usually the means of ranges of quotations without reference to quantity.

Prices derived from different sources may not be strictly comparable although for most purposes they are satisfactory. Data covering commercial stocks and movements of various commodities are as nearly complete as practicable and are considered fairly representative.

IMPORTS AND EXPORTS

The tables of international trade cover substantially the international trade of the world in agricultural products. The total imports and total exports in any one year cannot be expected to balance, although disagreements tend to be compensated over a series of years. Among the sources of disagreement are: The different periods covered by the year of various countries; imports received in the year subsequent to the year of export; lack of uniformity in classification of goods as among countries; different trade practices and varying degrees of failure in recording countries of origin and ultimate destinations; different practices in recording reexported goods; and different methods of treating free ports. In the international trade tables the exports given are domestic exports and, therefore, include exports of commodities which are the growth, produce, or manufacture of the specified country, as well as exports of commodities of foreign origin which have been changed from the form in which they were imported or enhanced in value by further manufacture after importation. In the case of foreign countries the imports given are "special" or net imports, rather than general imports, whenever it is possible to distinguish such imports from general imports. General imports are all the imports reported, whereas special or net imports are general imports less reexports of merchandise previously imported and not changed from the condition in which imported. Special or net imports are used in the international trade tables for the following countries: Belgium, Denmark, Egypt, Ireland, China, Netherlands India, France, and the United Kingdom.

In both the United States trade tables and the international trade tables, the United States trade figures are domestic exports as defined above and, until January 1934, general imports, unless otherwise specified. Beginning with January 1934 imports for consumption are given. General imports include all commodities entered for immediate consumption plus those entered for storage in bonded customs warehouses. Imports for consumption include all commodities entered for immediate consumption upon arrival, plus withdrawals for consumption from bonded customs warehouses. For any given period

general imports will differ from imports for consumption to the extent that entries for bonded customs warehouses during the period differ from withdrawals from such warehouses for consumption. This difference will be equal to the increase or decrease of stocks at the end, compared with stocks at the beginning, of the period in bonded customs warehouses, plus exports of foreign merchandise (reexports) from bonded customs warehouses during the period. While there are some inevitable omissions, there may be some duplications because of reshipments which do not appear as such in the official reports. Export and import statistics of the United States include trade with the Philippine Islands, which are treated as a foreign country. They also include any trade between foreign countries and Alaska, Hawaii, and Puerto Rico, but do not include shipments between continental United States and these possessions. Prior to January 1, 1935, the Virgin Islands of the United States were considered a foreign country (the same as the Philippine Islands), but since that date the Virgin Islands are treated in the same manner as Alaska, Hawaii, and Puerto Rico.

OTHER STATISTICS

Statistics of acreage and production in foreign countries are compiled as far as possible from official sources and are, therefore, subject to whatever errors may result from shortcomings in the reporting and statistical services of the various countries. Inaccuracies also result from differences in nomenclature and classification in foreign countries. Except where otherwise stated, pre-war data refer to pre-war boundaries. Yields per acre are calculated from acreage and production, both rounded to thousand units, and are therefore subject to a greater possibility of error when calculated for countries with small acreage.

Prices are stated in terms of United States currency, unless otherwise specified. For the convenience of those wishing to convert currency prices to gold prices, a table of the gold value of the dollar, from April 1933 to March 1939, will be found as the last table.

WEIGHTS AND MEASURES

The following table of weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked in the Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The figures were assembled from various sources within the Department and from State schedules of legal weights. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume, due to differences in variety or size of the commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort was made to select the most representative and fairest average for each product. For such commodities as develop considerable shrinkage, the point-of-origin weight or weight at harvest was used.

The approximate or average weights, as given in this table, do not (necessarily) have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weights. The table was prepared chiefly for use of workers in the Department of Agriculture, who have need of conversion factors in statistical computations. The figures are subject to revision.

Weights, measures, and conversion factors used in the Department of Agriculture

(See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity	Unit ¹	Approximate net weight	Commodity	Unit ¹	Approximate net weight
		<i>Pounds</i>			<i>Pounds*</i>
Alfalfa seed.....	Bushel.....	60	Dewberries.....	24-quart crate.....	36
Apples, fresh.....	Box ²	48	Eggplant.....	Bushel.....	33
Apricots.....	Barrel.....	140	Eggs, average size.....	Case, 30 dozen.....	45
Western.....	Bushel.....	48	Figs, fresh.....	Box, single layer ¹⁴	6
Artichokes:			Flaxseed.....	Bushel.....	56
Globe.....	Box ⁴	40	Flour, various.....	Barrel.....	196
Jerusalem.....	Bushel.....	50	Grain sorghums.....	Bushel.....	56 and 50
Asparagus.....	Crate, 1 dozen bunches.....	24	Grapefruit:		
Avocados:			Florida.....	Box ¹⁷	80
California.....	Box ⁵	13	California.....	do. ¹⁸	60
Florida.....	do. ⁶	12-15	Eastern.....	Bushel.....	48
Bananas.....	Bunch, 8-9 hands.....	45-65	Lug box ¹⁹	12-quart basket.....	18
Barley.....	Bushel.....	48	4-basket crate ²⁰	do. ²¹	28
Beans:			Keg (2,642 cubic inches).....	do. ²²	20
Lima, dry.....	do. ²³	56	Box, sawdust pack ²⁴	do. ²⁵	34
Other, dry.....	Sack.....	100	Hempseed.....	Bushel.....	44
Lima, unshelled.....	Bushel.....	32	Hickory nuts.....	do. ²⁶	50
Snap.....	do. ²⁷	30	Honey.....	Gallon.....	12
Beets:			Hops.....	Bale, gross.....	200
Without tops.....	do. ²⁸	52	Horseradish roots.....	Bushel.....	35
Bunched.....	Western crate ²⁹	55-60	Hungarian millet seed.....	do. ³⁰	48 and 50
Berries, frozen pack:			Kafir.....	do. ³¹	56 and 50
Without sugar.....	50-gallon barrel.....	380	Kale.....	do. ³²	18
3+1 pack.....	do. ³³	425	Kapok seed.....	do. ³³	35-40
2+1 pack.....	do. ³⁴	450	Lard.....	Tierce.....	375
Blackberries.....	24-quart crate.....	36	Lemons, California.....	Box ³⁵	76
Bluegrass seed.....	Bushel.....	14-30	Lentils.....	Bushel.....	60
Broomcorn (6 bales per ton).....	Bale.....	333	Lettuce.....	Western crate ³⁶	70
Broomcorn seed.....	Bushel.....	44-50	Limes.....	Box ³⁷	80
Buckwheat.....	do. ³⁸	48-52	Linseed oil.....	Gallon.....	* 7.5
Butter.....	Tub.....	63	Malt.....	Bushel.....	34
1½-bushel hamper.....	do. ³⁹	50	Maple sirup.....	Gallon.....	11
Cabbage.....	Western crate ⁴⁰	80	Meadow fescue seed.....	Bushel.....	24
Cantaloups.....	Standard 45 crate ⁴¹	60	Milk (specific gravity 1.032).....	Gallon.....	8.6
Carrots:			Millet.....	Bushel.....	48-50
Without tops.....	Bushel.....	50	Molasses.....	Gallon.....	11.75
Bunched.....	Western crate ⁴²	55-65	Mustard seed.....	Bushel.....	58-60
Castor-beans.....	Bushel.....	46	Oats.....	do. ⁴³	32
Castor oil.....	Gallon.....	* 8	Lug box ⁴⁴	do. ⁴⁴	25-30
Cauliflower.....	1½-bushel crate.....	37	Olive oil.....	Gallon.....	* 7.5
Celery.....	¾ crate ⁴⁵	90	Onions, dry.....	Sack.....	100
Cherries:			do. ⁴⁶	do. ⁴⁷	50
With stems.....	Bushel.....	56	Onions, green, bunched.....	Bushel, late.....	57
Without stems.....	do. ⁴⁸	64	do. ⁴⁹	Bushel, early.....	50-55
Flat box ⁴⁹	do. ⁵⁰	15	Oranges:		
Clover seed.....	Bushel.....	60	Florida.....	Box ⁵¹	90
Corn:			California.....	do. ⁵²	70
Ear, husked.....	do. ⁵³	19 70	Orchard grass seed.....	Bushel.....	14
Shelled.....	do. ⁵⁴	56	Palm oil.....	Gallon.....	* 7.5
Green, sweet.....	do. ⁵⁵	35	Parsnips.....	Bushel.....	50
Meal.....	do. ⁵⁶	50	Peaches, fresh.....	Lug box ⁵⁷	20
Oil.....	Gallon.....	* 7.5	Peanut oil.....	Gallon.....	* 7.5
Sirup.....	do. ⁵⁸	11.5	Peanuts unshelled:		
Cotton.....	Bale, gross.....	500	Virginia type.....	Bushel.....	22
Bale, net.....	do. ⁵⁹	478	Runners south-eastern.....	do. ⁶⁰	28
Cottonseed.....	Bushel.....	14 32	Spanish.....	do. ⁶¹	30
Cottonseed oil.....	Gallon.....	* 7.5	Pears.....	do. ⁶²	50
Cowpeas.....	Bushel.....	60	Western.....	Box ⁶³	46
Cranberries.....	Barrel.....	100	Peas:		
14-barrel box ⁶⁴	do. ⁶⁵	25	Green, unshelled.....	Bushel.....	30
Cream, 30-percent butterfat.....	Gallon.....	8.43	Dry.....	do. ⁶⁶	60
Cucumbers.....	Bushel.....	48	Peppers.....	do. ⁶⁷	25

See footnotes at end of table.

Weights, measures, and conversion factors used in the Department of Agriculture—Continued

(See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity	Unit ¹	Approximate net weight	Commodity	Unit ¹	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Perilla seed.....	Bushel.....	37-40	Strawberries.....	24-quart crate.....	36
Pineapples.....	Crate ²	70	Sudan grass seed.....	Bushel.....	40
	Bushel.....	56	Sugarcane sirup.....	Gallon.....	11.25
Plums and prunes.....	Crate ³	20	Sunflower seed.....	Bushel.....	24 and 32
	Suitcase lug ⁴	16	Sweetpotatoes.....	do.....	47.55
Popcorn:			Tangerines, Florida.....	1½ strap ⁵	40
On ear.....	Bushel.....	12 70	Timothy seed.....	Bushel.....	45
Shelled.....	do.....	56	Tobacco:		
Poppy seed.....	do.....	46	Maryland.....	Hogshead.....	600-800
Potatoes.....	do.....	60	Fine-cured.....	do.....	900-1,100
Quinces.....	Barrel.....	165	Burley.....	do.....	1,000-1,200
Rapeseed.....	Bushel.....	48	Dark air-cured.....	do.....	1,000-1,200
Rapeseed.....	do.....	50 and 60	Virginia fire-cured.....	do.....	1,050-1,350
Raspberries.....	24-quart crate.....	36	Kentucky and Tennessee fire-cured.....	do.....	1,350-1,650
Redtop seed.....	Bushel.....	14-40	Cigar leaf.....	(Case.....	250-365
Rice:				Bale.....	150-175
Rough.....	do.....	45	Tomatoes.....	Bushel.....	53
	Bag.....	100		Lug box ¹⁸	32
Milled.....	Barrel.....	162	Turnips:		
	Pocket or bag.....	100	Without tops.....	Bushel.....	54
Rosin.....	Barrel, gross.....	500	Bunched.....	Crate ⁷	60-80
Rutabagas.....	Bushel.....	56	Turpentine.....	Gallon.....	7.23
Rye.....	do.....	56	Velvetbeans (hulled).....	Bushel.....	60
Sesame seed.....	do.....	46	Vetch.....	do.....	60
Sorgo:			Walnuts.....	do.....	50
Seed.....	do.....	50	Water, 60° F.....	Gallon.....	8.33
Sirup.....	Gallon.....	11.4	Wheat.....	Bushel.....	60
Soybeans.....	Bushel.....	60	Various commodities.....	Short ton.....	2,000
Soybean oil.....	Gallon.....	7.5			
Spelt.....	Bushel.....	40			
Spinach.....	do.....	18			

¹ Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches, and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweet potatoes, peaches, green beans, green peas, spinach, etc.

² Approximate inside dimensions, 10½ by 11½ by 18 inches.

³ Approximate inside dimensions, 4½ by 16 by 16½ inches.

⁴ Approximate inside dimensions, 9¼ by 11 by 20½ inches.

⁵ Approximate inside dimensions, 3¼ by 13½ by 16½ inches.

⁶ Approximate inside dimensions, 4¾ by 13½ by 16½ inches.

⁷ Approximate inside dimensions, 13 by 18 by 21½ inches.

⁸ Approximate inside dimensions, 12 by 12 by 22½ inches.

⁹ This is the weight commonly used in trade practice, the actual weight varying according to temperature conditions.

¹⁰ Approximate inside dimensions, 22 by 16 by 20½ inches.

¹¹ Approximate inside dimensions, 3¼ by 11½ by 14½ inches.

¹² The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it requires 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

¹³ For statistical purposes the bale of cotton is 500 pounds gross or 478 pounds net weight. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

¹⁴ This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

¹⁵ Approximate inside dimensions, 9¼ by 10½ by 15 inches.

¹⁶ Approximate inside dimensions, 1¼ by 11 by 16½ inches.

¹⁷ Approximate inside dimensions, 10 by 13 by 25 inches.

¹⁸ Approximate inside dimensions, 11½ by 11½ by 24 inches.

¹⁹ Approximate inside dimensions, 5¼ by 13½ by 16½ inches.

²⁰ Approximate inside dimensions, 4¾ by 16 by 16½ inches.

²¹ About 13 pounds of sawdust are required to pack 32 pounds of grapes in a keg, thus making the total weight about 45 pounds.

²² Approximate inside dimensions, 7¾ by 15 by 18½ inches.

²³ Approximate inside dimensions, 10 by 13 by 25 inches.

²⁴ Approximate inside dimensions, 8¼ by 11½ by 15 inches.

²⁵ Approximate inside dimensions, 12 by 10½ by 33 inches.

²⁶ Approximate inside dimensions, 3¼ by 11 by 18 inches.

²⁷ This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying, and the net weight when sold in terminal markets may be far below 55 pounds.

²⁸ Approximate inside dimensions, 6 by 12 by 24 inches.

(See conversion factors on next page)

Weights, measures, and conversion factors used in the Department of Agriculture—
Continued

OTHER CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh.
Do.....	1 pound chops.....	5 pounds fresh.
Do.....	1 barrel.....	3 boxes or 3 bushel baskets.
Apricots.....	1 pound dried.....	5½ pounds fresh.
Barley flour.....	1 barrel (196 pounds).....	9 bushels barley.
Beans, lima.....	1 pound shelled.....	2 pounds unshelled.
Buckwheat flour.....	1 barrel (196 pounds).....	7 bushels buckwheat.
Cane sirup.....	1 gallon.....	6 pounds sugar.
Cherries.....	1 pound dried.....	4 pounds fresh in California; 5 pounds fresh elsewhere.
Corn, shelled.....	1 bushel (56 pounds).....	2 bushels (70 pounds) of husked ear corn.
Corn meal:		
Degermed.....	1 barrel (196 pounds).....	6 bushels corn.
Nondegermed.....	do.....	4 bushels corn.
Cotton.....	1 pound ginned.....	2.86 pounds unginned.
Dairy products:		
Butter.....	1 pound.....	21 pounds milk.
Cheese.....	do.....	10 pounds milk.
Condensed milk, whole.....	do.....	2.2 pounds milk.
Evaporated milk, whole.....	do.....	Do.
Ice cream ²⁸	1 gallon.....	15 pounds milk.
Ice cream ²⁹ (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk.
Malted milk.....	1 pound.....	2.6 pounds milk.
Powdered milk.....	do.....	8 pounds milk.
Powdered cream.....	do.....	19 pounds milk.
Dates.....	1 pound dried.....	1¼ pounds fresh.
Eggs.....	1 case (45 pounds).....	35.3 pounds frozen or liquid eggs.
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere.
Grapefruit, Florida.....	1 case canned.....	Slightly less than 1 box fresh fruit.
Flaxseed.....	1 bushel.....	Yields about 2½ gallons oil.
Linseed oil.....	1 gallon.....	From 0.4 bushel flaxseed.
Malt.....	1.1 bushels.....	1 bushel barley.
Maple sirup.....	1 gallon.....	8 pounds sugar.
Nuts:		
Almonds, imported.....	1 pound shelled.....	3¼ pounds unshelled.
Almonds, California.....	do.....	2.22 pounds unshelled.
Brazil.....	do.....	2 pounds unshelled.
Cashews.....	do.....	4.55 pounds unshelled.
Chestnuts.....	do.....	1.19 pounds unshelled.
Filberts.....	do.....	2.22 pounds unshelled.
Pecans:		
Seedling.....	do.....	2.65 pounds unshelled.
Improved.....	do.....	2.38 pounds unshelled.
Pignolias.....	do.....	1.30 pounds unshelled.
Pistachios.....	do.....	2 pounds unshelled.
Walnuts:		
Black.....	do.....	8¼ pounds unshelled.
Persian (English).....	do.....	2.38 pounds unshelled.
Oatmeal.....	1 barrel (196 pounds).....	10½ bushels oats.
Peaches, California.....	1 pound dried.....	5½ pounds fresh.
Peanuts.....	1 pound shelled.....	1½ pounds unshelled.
Pears.....	1 pound dried.....	5½ pounds fresh.
Peas, green.....	1 pound shelled.....	2.5 pounds unshelled.
Prunes.....	1 pound dried.....	2½ pounds fresh in California; 3 to 4 pounds fresh elsewhere.
Raisins.....	1 pound.....	4 pounds fresh grapes.
Rice.....	1 pound milled.....	1.62 pounds rough or unhulled rice.
Rye flour.....	1 barrel (196 pounds).....	6 bushels rye.
Sugar.....	1 ton raw.....	Hawaii, 0.9617 ton refined; Puerto Rico and Philippines, 0.946 ton refined; Cuba, 0.9418 ton refined, beginning with the 1931-32 season; Louisiana (96° raw), 0.9346 ton refined, beginning 1919; Florida (96° raw), 0.9346 ton refined, beginning 1928.
Tobacco.....	1 pound stemmed.....	Various weights of unstemmed, according to the type of tobacco. (See Circular 435, U. S. Dept. of Agr.).
Wheat flour.....	1 barrel (196 pounds).....	4.7 bushels wheat. ³⁰
Wool.....	1 pound scoured.....	2 pounds grease.
Do.....	1 pound pulled.....	1½ pounds grease.

²⁸ The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

²⁹ This figure (4.7) has been used for conversions relating to the period 1921-38. Because of changes in milling processes, the following factors have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels.

STATISTICS OF GRAINS

TABLE 1.—Wheat: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel at—		Foreign trade, including flour, year beginning July ⁴			
						Chicago, year beginning July ⁵	Minneapolis, year beginning July ⁵	Domestic exports ⁶	Imports ⁶	Net exports ⁷	
										Total	Per cent of production
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Per cent
1866	15,408	11.0	169,703	206.2	349,914	189		12,647	3,092	10,828	6.4
1867	16,733	12.6	210,878	201.2	424,334	189		26,323	2,014	24,550	11.6
1868	19,140	12.9	246,272	145.9	359,347	128		29,717	1,830	28,314	11.5
1869			287,746								
1869	21,194	13.7	289,526	92.3	267,224	99		53,901	1,286	53,126	18.3
1870	20,945	12.1	254,429	104.2	265,230	115		52,574	867	52,195	20.5
1871	22,230	12.2	271,881	124.7	339,130	124		38,996	2,411	37,587	13.8
1872	22,962	11.8	271,482	123.9	336,324	121		52,015	1,841	50,706	18.7
1873	24,866	12.9	321,931	116.8	375,857	116		91,510	2,117	90,418	28.1
1874	27,310	13.0	356,115	94.8	337,451	95		72,913	368	72,845	20.5
1875	28,352	11.1	313,728	101.0	316,946	106		74,751	1,664	74,508	23.7
1876	28,283	10.9	309,116	103.6	320,270	122		57,044	366	57,148	18.5
1877	27,963	14.1	395,510	108.5	429,278	111		92,142	1,391	92,028	23.3
1878	33,379	13.5	449,175	77.2	346,834	90		150,503	2,074	150,253	33.5
1879	35,430	13.0	459,485								
1879	35,347	13.0	459,234	110.7	508,554	110		181,807	487	181,951	39.6
1880	38,096	13.2	502,287	98.2	477,989	96		188,308	212	188,250	37.5
1881	36,795	11.0	405,886	119.6	485,570	129		123,371	867	123,211	30.4
1882	36,496	15.1	552,207	88.8	490,371	105		150,113	1,088	150,000	27.2
1883	35,587	12.3	438,762	91.4	400,964	93		113,822	33	113,892	26.0
1884	38,485	14.8	571,292	64.5	368,642	80		135,232	213	135,301	23.7
1885	35,095	11.4	399,931	77.2	308,825	81		96,611	389	96,569	24.1
1886	36,312	14.1	513,540	68.7	352,767	77		156,685	283	156,760	30.5
1887	36,873	13.3	490,761	68.1	334,459	75		122,616	596	122,524	25.0
1888	34,969	12.1	423,867	92.7	393,000	96		90,944	136	91,030	21.6
1889	35,580	13.9	498,374								
1889	36,098	14.0	504,370	69.8	352,283	81		112,488	163	112,507	22.3
1890	36,686	12.2	449,042	83.7	376,015	97		109,017	586	109,054	24.3
1891	41,060	16.6	677,543	83.1	563,213	89		229,465	2,463	228,841	33.8
1892	42,979	14.2	611,854	62.4	381,987	73		196,068	968	195,672	32.0
1893	40,790	12.4	505,795	53.4	270,268	60		168,498	1,183	167,531	33.1
1894	40,167	13.5	541,873	48.9	265,134	57		148,630	1,439	147,740	27.3
1895	38,998	13.9	542,119	50.5	273,756	61		130,099	2,117	130,346	24.0
1896	40,828	12.8	522,963	72.1	376,827	70		148,767	1,545	148,723	28.3
1897	43,413	14.0	606,202	80.9	490,644	91		221,143	2,060	220,965	36.5
1898	50,506	15.2	768,148	57.9	445,055	71		227,240	1,875	227,300	29.6
1899	52,589	12.6	638,534								
1899	52,342	12.5	655,143	58.8	385,259	68		67,190,772	320	190,749	29.1
1900	49,203	12.2	590,315	62.1	371,888	72		75,220,653	608	220,723	36.8
1901	50,847	15.0	762,546	63.1	480,886	71		72,239,212	121	239,137	31.4
1902	46,244	14.9	686,959	63.0	432,942	73		74,207,835	1,080	208,011	30.3
1903	48,456	13.7	663,115	69.3	459,847	81		89,124,977	229	124,926	18.8
1904	43,155	12.9	555,571	92.6	514,503	101		113,46,319	3,206	43,612	7.8
1905	46,306	15.2	706,026	74.7	527,437	86		84,101,089	273	100,849	14.3
1906	46,230	16.0	740,509	66.0	488,427	76		83,150,597	602	150,594	20.3
1907	44,139	14.2	628,764	86.6	544,211	96		107,166,525	530	166,304	26.4
1908	45,102	14.3	642,818	96.7	621,797	100		111,116,373	475	115,901	18.0
1909	44,863	15.4	693,379								
1909	44,262	15.5	683,927	99.1	677,726	100		89,173			
1910	45,793	13.7	625,476	90.8	567,800	100		105,71,338	1,175	70,164	11.2
1911	49,894	12.4	618,166	86.9	537,068	94		107,81,891	3,445	78,447	12.7
1912	48,413	15.1	730,011	80.7	588,775	94		87,145,159	1,304	143,938	19.7
1913	52,012	14.4	751,101	79.4	596,039	89		88,147,955	2,402	146,306	19.5
1914	55,613	16.1	897,487	97.4	874,009	111		120,335,702	728	335,162	37.3
1915	60,303	16.7	1,008,637	96.1	968,800	114		109,246,221	7,254	239,591	23.8

See footnotes at end of table.

TABLE 1.—Wheat: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel at—		Foreign trade, including flour, year beginning July ⁴				Net exports ⁷	
						Chicago, year beginning July ²	Minneapolis, year beginning July ²	Domestic exports ³	Imports ³	Total	Percentage of production		
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Per cent		
1916	53,510	11.9	634,572	143.4	910,052	157	176	205,962	24,960	181,067	28.5		
1917	46,787	13.2	619,790	204.7	1,268,898	228	220	132,579	31,215	102,775	16.6		
1918	61,068	14.8	904,130	205.0	1,853,063	224	236	287,402	11,289	276,615	30.6		
1919	75,069	18.9	1,415,403										
1919	73,700	12.9	952,097	216.3	2,059,421	227	200	222,030	5,511	216,671	22.8		
1920	62,358	13.5	843,277	182.6	1,539,584	216	201	369,313	57,682	312,625	37.1		
1921	64,566	12.7	818,964	103.0	843,458	128	148	282,566	17,375	265,590	32.4		
1922	61,397	13.8	846,649	96.6	817,929	113	126	224,900	20,031	205,079	24.2		
1923	56,920	13.3	759,482	92.6	703,283	106	124	159,880	28,079	131,892	17.4		
1924	50,882	15.7	800,877										
1924	52,463	16.0	841,617	124.7	1,049,534	139	158	260,803	6,201	254,695	30.3		
1925	52,443	12.8	668,700	143.7	961,131	161	165	108,035	15,679	92,669	13.8		
1926	56,616	14.7	832,213	121.7	1,012,831	140	151	219,160	13,264	205,994	24.8		
1927	59,628	14.7	875,059	119.0	1,041,512	138	141	206,259	15,734	190,578	21.8		
1928	59,226	15.4	914,373	99.8	912,496	117	126	103,687	21,442	142,301	15.6		
1929	62,000	12.9	800,649										
1929	63,332	13.0	823,217	103.6	852,928	130	130	153,245	12,956	140,361	17.0		
1930	62,614	14.2	886,470	67.1	594,892	84	82	131,475	19,059	112,435	12.7		
1931	57,681	16.3	941,674	39.0	367,636	53	71	135,797	12,886	123,774	13.1		
1932	57,839	13.1	756,927	38.2	280,156	53	61	41,211	9,382	32,284	4.3		
1933	49,438	11.2	551,083	74.4	410,291	94	91	37,002	11,494	25,506	4.6		
1934	47,943	12.8	515,215										
1934	43,400	12.1	526,393	84.8	446,367	102	116	21,562	25,134	3,602			
1935	51,229	12.2	626,344	83.2	521,315	104	126	15,929	46,638	30,709			
1936	48,863	12.8	626,766	102.6	643,183	117	147	21,584	47,924	26,340			
1937	64,422	13.6	875,676	96.3	842,874	118	128	107,194	3,561	103,633	11.8		
1938 ⁵	70,221	13.3	930,801	¹⁰ 55.2	514,231								

¹ Prior to 1908 prices are as of Dec. 1.² 1866-98, Spring wheat, quoted as follows: 1866-84, No. 2 Spring—simple average of mean of weekly high and low cash prices, as quoted in annual reports of the Chicago Board of Trade; 1885 to December 1896, No. 2 Spring—simple average of mean of daily high and low cash prices, as quoted in Howard Bartel & Co. Red Book (summary of current quotations in Chicago Daily Trade Bulletin); January 1897-June 1898, No. 3 Spring and 1898, No. 1 Spring—simple average of mean of daily high and low cash prices as quoted in Chicago Daily Trade Bulletin; 1899 to date, No. 2 Hard Winter computed by weighting selling prices by number of carlots sold, as reported in the Chicago Daily Trade Bulletin.³ 1899-1917, No. 1 Northern Spring and 1918 to date No. 1 Dark Northern Spring, computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.⁴ Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-26, January and June issues, 1927-38. Wheat flour converted to terms of grain on the following basis: 1866-79, 5; 1880-1908, 4.75; 1909-17, 4.7; 1918 and 1919, 4.5; 1920, 4.6; 1921-37, 4.7 bushels of grain per barrel of flour.⁵ Includes flour milled from imported wheat.⁶ Includes wheat imported for milling in bond and export.⁷ Total exports (domestic plus foreign) minus total imports; beginning 1933 net figures are domestic exports minus imports for consumption.⁸ Net imports; i. e., imports for consumption minus domestic exports.⁹ Preliminary.¹⁰ The season average price for the 1938 crop includes unredeemed loan wheat at average loan value.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 2.—Wheat, winter, all spring, durum, and other spring: Acreage seeded and harvested, and production, United States, 1909-38

Year	Winter				All spring			
	Acreage seeded in preceding fall	Acreage harvested	Average yield per acre	Production	Acreage seeded	Acreage harvested	Average yield per acre	Production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 acres	1,000 acres	Bushels	1,000 bushels
1909.....	29,196	27,018	15.5	417,796	17,244	17,244	15.4	266,131
1910.....	32,878	28,152	15.3	429,875	17,641	17,641	11.1	195,601
1911.....	33,514	29,780	14.4	428,740	20,114	20,114	9.4	189,426
1912.....	35,709	28,406	14.2	402,703	20,007	20,007	16.4	327,308
1913.....	33,608	31,962	15.7	501,239	20,050	20,050	12.5	249,862
1914.....	37,372	36,203	18.5	670,945	19,410	19,410	11.7	226,542
1915.....	40,657	39,697	16.2	640,565	20,706	20,706	17.8	368,072
1916.....	38,873	34,078	13.4	456,118	19,432	19,432	9.2	178,454
1917.....	37,981	26,825	14.5	389,956	19,962	19,962	11.5	229,634
1918.....	43,399	37,171	15.0	558,506	23,897	23,897	14.5	347,524
1919.....	51,391	50,404	14.8	748,460	23,296	23,296	8.7	203,637
1920.....	45,505	40,409	15.2	613,227	22,472	21,949	10.5	230,050
1921.....	45,479	43,100	14.0	602,793	22,202	21,406	10.1	216,171
1922.....	47,415	41,649	13.7	571,459	19,748	19,748	13.9	275,190
1923.....	45,408	38,712	14.3	555,209	19,102	18,208	11.2	204,183
1924.....	38,638	35,418	16.2	573,563	17,068	17,045	15.7	268,054
1925.....	40,922	31,964	12.5	400,619	20,816	20,479	13.1	268,061
1926.....	40,604	37,697	16.8	631,607	20,108	19,019	10.5	200,406
1927.....	44,134	38,195	14.4	548,188	21,527	21,433	15.3	326,871
1928.....	48,431	36,853	15.7	579,066	22,721	22,373	15.0	335,307
1929.....	43,967	41,194	14.2	586,239	22,873	22,138	10.7	236,978
1930.....	45,032	41,090	15.4	633,605	22,118	21,545	11.7	252,865
1931.....	45,647	43,448	19.0	825,396	20,351	14,233	8.2	116,278
1932.....	43,371	36,056	13.6	491,795	22,542	21,783	12.2	265,132
1933.....	44,445	30,272	12.4	376,518	24,040	19,166	9.1	171,165
1934.....	44,585	34,773	12.6	437,983	18,977	8,762	4.7	88,430
1935.....	47,064	33,402	13.9	465,319	22,143	17,827	9.0	161,025
1936.....	49,765	37,687	13.8	519,874	23,959	11,176	9.6	106,892
1937.....	57,656	46,978	14.6	685,824	23,416	17,444	10.9	189,852
1938 ¹	56,355	49,711	13.8	686,637	23,515	20,510	11.9	244,164

Year	Durum ²				Other spring			
	Acreage seeded							
1919.....	3,684	7.4	27,384	19,612	9.0	176,253		
1920.....	4,032	9.8	39,318	17,917	10.6	190,732		
1921.....	5,629	8.9	49,956	15,777	10.5	166,215		
1922.....	5,380	14.5	78,144	14,368	13.7	197,046		
1923.....	3,936	9.6	37,655	14,272	11.7	166,528		
1924.....	3,596	16.0	57,710	13,449	15.6	210,344		
1925.....	4,094	14.0	57,370	16,385	12.9	210,711		
1926.....	4,868	9.3	42,349	15,240	10.9	158,257		
1927.....	5,463	14.4	78,059	16,064	16.0	248,812		
1928.....	6,855	12.6	95,266	15,866	15.4	240,041		
1929.....	5,798	9.8	54,470	17,135	16,597	11.0	182,508	
1930.....	4,745	12.2	57,166	17,373	16,874	11.6	195,609	
1931.....	3,959	7.2	21,069	16,392	11,289	8.4	95,209	
1932.....	4,184	10.3	40,463	18,358	17,839	12.6	224,669	
1933.....	3,070	7.3	16,463	20,970	16,898	9.4	158,702	
1934.....	1,928	7.4	6,353	17,049	7,908	10.4	82,077	
1935.....	2,427	10.5	23,465	19,716	15,596	8.8	137,560	
1936.....	4,538	8.2	8,073	20,404	9,638	10.3	96,819	
1937.....	3,214	10.0	27,971	20,202	14,658	11.0	161,881	
1938 ¹	3,856	11.4	40,445	19,659	16,965	12.0	203,719	

¹ Preliminary.² Figures on durum apply to 3 States only—Minnesota, North Dakota, and South Dakota.

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TABLE 3.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1936-38

State and division	Acreage harvested				Production				Price for crop of—		
	Average 1927-36	1936	1937	1938 ¹	Average 1927-36	1936	1937	1938 ¹	1936	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	Ct.	Ct.	Ct.
Maine.....	5	7	4	4	94	119	76	68	150	142	119
New York.....	256	282	346	303	4,996	5,743	8,276	7,533	108	99	63
New Jersey.....	55	61	65	61	1,192	1,281	1,462	1,342	109	105	71
Pennsylvania.....	979	1,033	1,073	1,050	17,917	19,615	23,573	22,032	109	97	64
North Atlantic.....	1,294	1,383	1,488	1,418	24,210	26,758	33,387	30,975	109.0	97.9	64.2
Ohio.....	1,766	2,177	2,432	2,381	34,796	40,278	46,136	46,420	105	101	62
Indiana.....	1,629	1,775	2,171	1,890	27,879	31,042	34,718	30,240	102	101	60
Illinois.....	1,992	2,082	2,617	2,300	33,377	36,435	45,668	42,550	102	103	60
Michigan.....	800	823	1,011	913	15,941	16,702	18,658	19,519	107	95	59
Wisconsin.....	108	106	131	120	1,888	1,469	2,043	2,007	120	99	66
Minnesota.....	1,538	1,736	2,160	2,616	19,410	17,137	35,784	38,948	122	105	61
Iowa.....	376	407	817	584	6,814	8,407	14,649	9,586	105	102	58
Missouri.....	1,611	2,095	3,198	2,432	21,687	31,407	42,515	31,600	105	96	57
North Dakota.....	8,349	3,699	7,018	8,955	81,797	19,235	57,005	79,859	117	95	53
South Dakota.....	2,620	840	2,738	3,043	26,801	4,286	15,381	27,777	115	96	52
Nebraska.....	3,196	3,338	3,601	4,691	48,755	47,339	47,184	55,714	105	98	53
Kansas.....	10,383	10,464	13,172	14,497	133,088	120,270	158,052	152,184	100	101	53
North Central.....	34,368	29,542	41,066	44,422	452,427	374,007	517,793	536,384	104.5	99.7	55.8
Delaware.....	92	86	86	83	1,555	1,419	1,376	1,680	106	100	64
Maryland.....	449	449	476	471	8,372	8,980	9,044	9,420	106	102	65
Virginia.....	610	629	648	609	8,598	7,862	9,720	8,526	114	106	70
West Virginia.....	128	164	171	156	1,855	2,214	2,736	2,340	109	105	72
North Carolina.....	413	530	493	473	4,275	5,194	5,817	5,440	116	116	83
South Carolina.....	105	184	149	161	974	1,472	1,416	1,771	102	117	80
Georgia.....	111	195	170	170	934	1,560	1,445	1,700	104	121	84
South Atlantic.....	1,907	2,237	2,193	2,123	26,662	28,701	31,554	30,857	109.9	107.5	71.3
Kentucky.....	303	421	552	552	3,869	5,894	10,212	8,280	103	106	63
Tennessee.....	353	454	540	491	3,588	4,858	6,750	5,401	116	107	74
Alabama.....	5	6	7	5	46	54	77	65	108	120	85
Arkansas.....	46	70	100	70	406	595	1,050	595	102	101	65
Oklahoma.....	3,869	3,440	4,610	5,302	44,015	27,520	65,462	58,322	100	96	58
Texas.....	2,826	2,458	3,933	3,894	29,964	18,927	41,690	35,046	100	96	58
South Central.....	7,402	6,849	9,742	10,314	81,913	57,848	125,241	107,709	101.7	97.5	59.2
Montana.....	3,492	2,239	2,624	4,458	41,197	13,656	21,918	72,349	123	98	48
Idaho.....	1,111	1,112	1,153	1,149	24,742	22,764	28,360	29,848	89	71	40
Wyoming.....	249	154	266	354	2,994	1,511	3,060	4,515	112	91	52
Colorado.....	1,116	853	1,136	1,339	13,834	10,691	15,155	19,415	100	91	50
New Mexico.....	236	146	269	263	2,640	1,023	3,139	2,680	97	103	60
Arizona.....	34	48	45	50	733	1,104	990	1,100	89	100	74
Utah.....	252	261	279	287	5,101	4,639	5,459	6,573	102	79	49
Nevada.....	15	17	19	19	368	361	484	453	99	96	64
Washington.....	2,196	2,164	2,317	2,188	43,913	46,632	50,824	51,643	91	75	46
Oregon.....	978	1,000	993	1,088	19,966	20,340	20,424	23,567	90	77	51
California.....	674	858	832	749	12,194	16,731	17,888	12,733	93	95	67
Western.....	10,352	8,852	9,933	11,944	167,679	139,452	167,701	224,876	95.2	82.3	48.5
United States.....	55,325	48,863	64,422	70,221	752,891	626,766	875,676	930,801	102.6	96.3	55.2

¹ Preliminary.² The season average prices for the 1938 crop include unredeemed loan wheat at average loan value.

Bureau of Agricultural Economics.

TABLE 4.—Wheat, winter, durum, and other spring: Acreage and production, by States, average 1927-36, annual 1937 and 1938

State and division	Acreage seeded in fall of—			Acreage harvested			Production		
	Average 1927-36	1936	1937 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.
New York.....	257	351	305	246	341	297	4,838	5,184	7,425
New Jersey.....	57	76	72	55	61	61	1,192	1,462	1,342
Pennsylvania.....	998	1,084	1,073	967	1,062	1,041	17,720	23,364	21,861
North Atlantic.....	1,312	1,511	1,450	1,268	1,468	1,399	23,750	33,010	30,628
Ohio.....	1,971	2,538	2,411	1,755	2,424	2,376	34,585	46,056	46,332
Indiana.....	1,818	2,300	1,949	1,618	2,162	1,881	27,694	34,592	30,096
Illinois.....	2,194	2,804	2,355	1,893	2,580	2,270	31,388	45,150	41,995
Michigan.....	810	1,027	910	784	996	896	15,382	18,426	19,264
Wisconsin.....	36	72	70	32	68	67	592	1,224	1,106
Minnesota.....	190	329	280	154	303	258	2,926	6,212	3,483
Iowa.....	367	867	607	334	798	559	6,207	14,364	9,224
Missouri.....	1,760	3,500	2,590	1,602	3,190	2,424	21,576	42,427	31,512
South Dakota.....	201	178	249	115	85	137	1,414	1,105	1,576
Nebraska.....	3,469	4,412	4,721	2,944	3,261	4,402	46,400	45,654	52,824
Kansas.....	13,258	17,104	16,933	10,360	13,170	14,487	153,463	158,040	152,114
North Central.....	26,073	35,131	33,075	21,589	29,037	29,767	322,127	413,250	389,536
Delaware.....	95	88	86	92	86	83	1,655	1,376	1,660
Maryland.....	461	483	483	449	476	471	8,372	9,044	9,420
Virginia.....	625	638	638	610	648	609	8,598	9,720	8,526
West Virginia.....	132	182	167	128	171	156	1,855	2,736	2,340
North Carolina.....	425	524	492	413	493	473	4,275	5,817	5,440
South Carolina.....	109	162	172	105	149	161	974	1,416	1,771
Georgia.....	118	189	187	111	170	170	934	1,445	1,700
South Atlantic.....	1,966	2,286	2,225	1,907	2,193	2,123	26,662	31,554	30,857
Kentucky.....	348	608	614	303	552	552	3,869	10,212	8,280
Tennessee.....	378	562	517	353	540	491	3,588	6,750	5,401
Alabama.....	5	8	6	5	7	5	46	77	65
Arkansas.....	55	118	81	46	100	70	406	1,056	595
Oklahoma.....	4,630	5,622	5,959	3,869	4,610	5,302	44,015	65,462	58,322
Texas.....	4,178	5,315	5,368	2,826	3,963	3,894	29,984	41,690	35,046
South Central.....	9,614	12,233	12,545	7,402	9,742	10,314	81,913	125,241	107,709
Montana.....	891	966	1,150	657	581	1,046	9,256	6,391	24,561
Idaho.....	681	791	759	626	654	700	12,360	14,388	17,500
Wyoming.....	176	239	241	109	121	181	1,273	1,392	2,553
Colorado.....	1,413	1,341	1,381	812	774	1,006	9,672	10,449	14,587
New Mexico.....	369	410	410	208	246	238	2,277	2,829	2,380
Arizona.....	34	50	50	34	45	50	733	960	1,100
Utah.....	191	194	213	178	188	209	3,001	2,820	4,389
Nevada.....	3	3	4	3	3	4	74	84	108
Washington.....	1,307	1,024	1,230	1,088	665	1,197	26,181	16,958	32,319
Oregon.....	842	587	763	725	429	738	14,924	8,580	15,867
California.....	772	895	850	674	832	749	12,194	17,888	12,733
Western.....	6,679	6,495	7,060	5,114	4,538	6,118	91,945	82,769	127,917
United States.....	45,644	57,656	56,355	37,281	46,978	49,711	546,396	685,824	686,637

¹ Preliminary.

TABLE 4.—Wheat, winter, durum, and other spring: Acreage and production, by States, average 1927-36, annual 1937 and 1938—Continued

DURUM

State and division	Acreage seeded in—			Acreage harvested			Production		
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.
Minnesota.....	162	95	95	161	93	95	2,148	1,348	1,320
North Dakota.....	3,063	2,350	2,938	2,673	2,093	2,700	29,420	23,023	31,050
South Dakota.....	967	769	823	786	600	750	8,616	3,600	7,875
3 States.....	4,192	3,214	3,856	3,620	2,786	3,545	40,085	27,971	40,445

OTHER SPRING

Maine.....	5	4	4	5	4	4	94	76	68
New York.....	9	5	6	9	5	6	158	92	108
Pennsylvania.....	12	11	9	12	11	9	197	209	171
North Atlantic.....	26	20	19	26	20	19	461	377	347
Ohio.....	12	8	5	12	8	5	212	80	88
Indiana.....	11	9	9	11	9	9	185	126	144
Illinois.....	99	37	30	99	37	30	1,789	518	555
Michigan.....	17	19	17	16	15	17	259	232	255
Wisconsin.....	77	63	53	76	63	53	1,296	819	901
Minnesota.....	1,284	1,782	2,263	1,224	1,764	2,263	14,336	28,224	33,945
Iowa.....	43	19	25	42	19	25	607	285	362
Missouri.....	9	8	8	9	8	8	111	88	88
North Dakota.....	7,476	7,721	7,798	5,676	4,925	6,255	51,970	33,982	48,789
South Dakota.....	2,564	2,701	2,809	1,719	2,053	2,156	16,870	10,676	18,326
Nebraska.....	281	616	320	251	340	289	2,355	1,530	2,890
Kansas.....	27	6	12	24	2	10	225	12	70
North Central.....	11,899	12,989	13,349	9,159	9,243	11,120	90,215	76,572	106,413
Montana.....	3,470	3,712	3,786	2,835	2,043	3,412	31,940	15,527	47,768
Idaho.....	485	514	468	485	499	449	12,381	13,972	12,348
Wyoming.....	191	173	196	140	145	173	1,721	1,668	2,162
Colorado.....	377	445	378	304	362	333	4,162	4,706	4,828
New Mexico.....	30	24	28	28	23	25	362	310	300
Utah.....	75	93	79	74	91	78	2,099	2,639	2,184
Nevada.....	12	16	15	12	16	15	294	400	345
Washington.....	1,108	1,652	991	1,108	1,652	991	17,732	33,866	19,324
Oregon.....	260	564	350	252	564	350	5,041	11,844	7,700
Western.....	6,008	7,193	6,291	5,239	5,395	5,826	75,734	84,932	96,969
United States.....	17,933	20,202	19,659	14,424	14,658	16,965	166,410	161,881	203,719

¹Preliminary.

Bureau of Agricultural Economics.

TABLE 5.—Wheat: Production, world and selected countries, 1890–1938

Year of harvest ¹	World, excluding U. S. S. R. and China	Northern Hemisphere, excluding U. S. S. R. and China	Europe, excluding U. S. S. R.	Selected countries						
	U. S. S. R.	U. S. S. R.	U. S. S. R.	U. S. S. R.	United States	Canada	India	Argentina	Australia	France
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1890	2,018	1,944	1,082	212	449	42	229	31	27	330
1891	2,152	2,066	946	173	678	42	257	36	26	215
1892	2,226	2,108	1,084	255	612	48	227	59	33	311
1893	2,180	2,034	1,073	375	506	41	286	82	37	278
1894	2,231	2,120	1,110	435	542	43	271	61	28	344
1895	2,172	2,086	1,098	310	542	41	261	46	18	340
1896	2,124	2,054	1,151	412	523	33	201	32	21	340
1897	1,968	1,866	874	340	606	47	200	53	28	242
1898	2,632	2,452	1,209	459	768	63	260	105	41	365
1899	2,416	2,246	1,147	454	655	57	255	102	40	365
1900	2,297	2,151	1,134	423	599	56	200	75	48	326
1901	2,516	2,398	1,135	428	763	85	265	56	39	311
1902	2,537	2,394	1,240	607	687	94	227	104	12	328
1903	2,739	2,498	1,305	621	963	78	208	130	74	363
1904	2,529	2,293	1,154	667	556	69	300	151	55	300
1905	2,754	2,519	1,266	636	706	106	283	135	60	335
1906	3,026	2,771	1,398	543	741	126	320	156	66	329
1907	2,694	2,419	1,205	571	629	93	317	192	45	381
1908	2,618	2,357	1,204	628	643	112	229	156	63	317
1909	2,860	2,593	1,293	846	684	167	285	131	90	359
1910	2,815	2,533	1,218	836	625	132	360	146	95	283
1911	3,067	2,801	1,366	563	618	231	376	166	72	322
1912	3,140	2,817	1,307	801	730	224	371	187	92	334
1913	3,129	2,882	1,322	1,028	751	232	368	105	103	319
1914	2,884	2,640	1,096	834	897	161	312	169	25	283
1915	3,520	3,124	1,151	827	1,009	394	377	169	179	223
1916	2,717	2,436	1,020	531	635	263	323	84	152	205
1917	2,683	2,385	865	622	620	234	382	235	115	135
1918	2,935	2,631	959	904	189	370	180	76	76	229
1919	2,809	2,504	900	-----	952	193	280	217	46	187
1920	2,972	2,617	954	320	843	263	378	156	146	237
1921	3,185	2,803	1,230	205	819	301	250	191	129	323
1922	3,218	2,860	1,050	389	847	400	367	196	109	243
1923	3,535	3,102	1,263	451	759	474	372	248	125	276
1924	3,143	2,731	1,064	480	842	262	361	191	165	281
1925	3,396	3,029	1,404	764	669	395	331	191	115	330
1926	3,504	3,053	1,215	898	832	407	325	230	161	232
1927	3,683	3,211	1,275	792	875	480	335	282	118	276
1928	4,005	3,429	1,409	807	914	567	291	349	160	281
1929	3,582	3,216	1,449	694	823	305	321	163	127	337
1930	3,894	3,390	1,360	989	886	421	391	232	214	228
1931	3,877	3,401	1,436	753	942	321	347	220	191	264
1932	3,876	3,353	1,490	744	757	443	357	241	214	334
1933	3,848	3,303	1,746	1,019	552	282	353	286	177	362
1934	3,561	3,112	1,548	1,117	526	276	350	241	133	339
1935	3,602	3,228	1,576	1,133	626	282	363	141	144	285
1936	3,578	3,106	1,481	-----	627	219	352	249	151	255
1937	3,855	3,409	1,541	-----	876	180	364	185	188	258
1938 ²	4,559	3,999	1,834	-----	931	350	402	336	145	345

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere countries in 1938 is combined with the Southern Hemisphere harvest which begins late in 1938 and ends early in 1939.

² Includes all Russian territory reporting for years named.

³ Total Russian Empire exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

⁴ Exclusive of Russian Poland, Lithuania, parts of present Latvia and Ukraine, and 2 Provinces of Transcaucasia.

⁵ Beginning with this date estimated production is within present boundaries of the Union of Soviet Socialist Republics, excluding Turkestan, Transcaucasia, and the Far East, which regions in 1924 produced 51,706,000 bushels and, in 1925, 58,000,000 bushels.

⁶ Beginning with this date production is within post-war boundaries and therefore not comparable with earlier years.

⁷ Official estimates, but figures may not be strictly comparable with those for previous years.

⁸ Preliminary.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 6.—Wheat: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1925-34, annual 1936-38¹

Country	Acreage			Yield per acre					Production			
	Average 1925-29	1936	1938 :	Average 1925-29	1936	1937	1938 :	Average 1925-29	1936	1937	1938 :	
NORTHERN HEMISPHERE												
North America:	1,000 acres	1,000 acres	1,000 acres	Bushels	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
Canada.....	23,104	25,682	25,605	18.6	13.6	8.6	7.0	13.5	348,560	219,218	180,210	
United States.....	58,249	48,863	64,422	14.1	13.5	12.8	13.6	13.3	732,629	698,766	930,011	
Mexico.....	1,261	1,263	1,262	8.9	9.8	10.8	8.8	10.3	12,227	13,606	875,676	
Guatemala.....	2	17		8.9	10.4			195	176	10,857	13,425	
Europe:	1,491	1,704	1,732	33.2	33.3	30.2	30.0	37.9	48,220	51,445	60,253	
United Kingdom:	56	97	92	39.5	41.6	39.7	41.8	42.2	2,755	3,547	3,683	
England and Wales.....	29	43	255	39.3	39.5	30.7	31.8	34.8	1,139	7,839	8,000	
Scotland.....	5	6		25.8	25.1	27.9	31.6	30.4	6,246	2,094	2,614	
Ireland.....	25	75	79	32.0	33.3	31.2	33.5	40.2	23,214	21,635	25,720	
Norway.....	488	694	734	42.0	43.0	38.1	42.4	52.2	11,131	11,266	16,170	
Sweden.....	247	296	319	44.5	44.2	41.3	38.7	47.2	11,862	15,428	15,138	
Denmark.....	135	374	318	39.5	38.3	38.1	38.0	46.8	14,799	16,153	20,062	
Netherlands.....	975	424	429	25.0	24.1	23.8	23.2	27.6	305,313	287,838	345,385	
Belgium.....	13,241	12,845	12,600	13.7	14.1	11.9	11.1	11.1	146,180	138,081	190,200	
France.....	10,703	10,769	9,900	19.0	20.8	17.7	12.6	13.4	18,205	16,668	16,534	
Spain.....	1,071	1,157	1,219	32.9	32.1	26.0	33.5	34.4	293,204	296,262	297,319	
Portugal.....	12,034	12,782	12,426	19.0	20.8	17.7	23.2	23.9	262,604	284,571	264,096	
Italy.....	12,124	12,172	11,774	32.9	32.1	26.0	33.5	34.4	4,076	4,425	6,184	
Switzerland.....	4,067	5,151	4,880	22.4	22.4	22.4	22.5	26.8	170,212	164,120	164,120	
Germany.....	594	624	604	26.1	25.2	24.3	24.3	26.0	83,697	85,583	81,296	
Austria.....	2,129	2,108	2,218	18.3	17.4	9.5	16.9	16.9	47,507	46,593	46,708	
Czechoslovakia.....	1,822	2,063	2,118	18.3	17.4	18.2	16.9	16.9	74,267	70,774	84,422	
Greece.....	1,250	1,612	1,584	15.8	16.3	16.3	16.3	16.3	5,200	5,277	6,309	
Poland.....	3,394	4,265	4,244	15.8	16.3	16.3	16.3	16.3	2,203	2,453	3,059	
Finland.....	136	131	132	15.8	16.3	16.3	16.3	16.3	1,009	1,009	1,009	
Estonia.....	68	182	188	17.2	17.3	15.6	17.8	17.8	1,842	1,842	1,842	
Latvia.....	71	208	201	23.4	23.9	23.9	23.9	23.9	924,537	924,537	924,537	
Union of Soviet Socialist Republics:	70,959	496,112	510,247	11.1	10.8				790,863			
European and Asiatic.....	85,798											
Estimated European total, excluding the Danubian Basin and Union of Soviet Socialist Republics.....	51,600	56,300	57,300	56,000	54,800				1,044,000	1,294,000	1,366,000	

STATISTICS OF GRAINS

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Danube Basin:															
Hungary.....	3,820	3,943	4,029	3,665	4,006	20.8	19.4	21.8	19.7	24.2	79,543	76,806	87,769	72,158	96,762
Rumania.....	4,380	5,099	5,402	5,423	5,327	17.7	15.5	19.7	15.9	20.9	80,987	79,494	107,422	86,238	111,330
Yugoslavia.....	2,062	3,078	2,955	3,254	3,449	15.2	11.2	20.4	20.1	22.9	40,475	52,854	60,350	84,910	72,866
Bulgaria.....	7,746	7,703	8,480	8,777	9,291	13.6	13.4	13.2	15.7	19.5	105,531	103,447	128,717	138,188	181,511
Total Danubian Basin.....	18,808	19,823	20,926	21,099	22,073						306,536	312,311	384,278	361,464	468,609
Estimated European total, excluding Union of Soviet Socialist Republics.....															
	70,400	76,100	78,300	77,100	76,900						1,351,000	1,516,000	1,481,000	1,541,000	1,834,000
Africa:															
Morocco.....	2,632	2,887	3,194	3,027	2,906	9.5	10.2	3.8	6.9	7.4	24,903	29,509	12,224	20,895	21,476
Algeria.....	3,654	3,893	4,287	4,311	4,139	8.1	8.4	6.9	7.7	7.7	29,649	32,571	29,774	33,106	32,099
Tunisia.....	1,719	1,995	1,221	2,429	1,485	6.9	6.5	6.6	7.3	9.3	11,780	12,656	8,083	17,637	13,962
Egypt.....	1,554	1,560	1,464	1,421	1,470	25.8	27.6	21.2	31.9	31.2	40,049	43,128	45,700	45,376	45,983
Asia:															
Turkey.....	6,703	7,867	8,724	8,323	6,554	10.1	12.3	16.2	16.0	24.5	67,664	93,128	141,882	132,985	160,421
India.....	31,544	33,340	33,639	33,215	35,655	10.2	10.7	10.5	11.0	11.3	320,462	355,593	351,080	394,075	402,453
Japan.....	1,500	1,500	1,500	1,500	1,500	10.3	10.2	10.3	10.2	10.3	26,500	36,000	48,000	48,000	48,000
China.....	1,500	1,500	1,500	1,500	1,500	10.3	10.2	10.3	10.2	10.3	26,500	36,000	48,000	48,000	48,000
Sri Lanka.....	1,195	1,245	1,316	1,373	1,413	10.5	11.8	11.9	12.5	16.5	12,588	14,638	15,704	17,231	23,553
Estimated Asiatic total, excluding Union of Soviet Socialist Republics and China.....															
	44,400	50,000	54,300	54,000	54,000						404,000	581,000	663,000	677,000	751,000
Estimated Northern Hemisphere total, excluding Union of Soviet Socialist Republics and China.....															
	207,200	217,900	219,000	234,100	239,600						3,187,000	3,312,000	3,106,000	3,409,000	3,799,000
SOUTHERN HEMISPHERE															
Chile.....	1,642	1,763	1,918	1,898	2,047	17.5	15.5	14.9	16.0		28,758	27,303	28,607	30,394	
Uruguay.....	1,056	1,055	1,096	1,375	1,342	11.6	9.4	9.4	12.1	11.4	12,224	9,876	9,246	16,575	35,288
Argentina.....	19,019	17,709	15,862	15,254	2,084	12.8	13.8	15.7	12.1		243,028	243,932	249,193	184,801	356,201
Peru.....	12,797	12,717	12,133	11,751	1,604	8.0	8.3	12.5	13.7	8.4	8,809	12,351	16,397	16,397	16,397
Australia.....	225	225	222	186		38.9	38.2	32.3	32.5		7,637	8,037	7,169	6,043	
New Zealand.....															
Estimated Southern Hemisphere total.....															
	37,900	38,500	34,300	35,000	36,300						447,000	499,000	472,000	447,000	590,000
Estimated world total, excluding Union of Soviet Socialist Republics and China.....															
	245,100	256,400	253,300	269,100	275,900						3,634,000	3,811,000	3,578,000	3,855,000	4,649,000

¹ Figures refer to the year of harvest. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1938 is combined with the Southern Hemisphere harvest which begins late in 1938 and ends early in 1939.

² Preliminary.

³ Includes the Saar and is, therefore, not strictly comparable with data for previous years.

⁴ Official estimates, but figures may be not strictly comparable with those for previous years.

⁵ Area provided for in the plan.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 7.—Wheat: World supply and disappearance, 1922-38

Year beginning July	Stocks about July 1 ¹	Production ²					Net exports from U. S. S. R.	Total supply ³	Total disappearance ³
		United States	Canada, Argentina, and Australia	Europe, excluding U. S. S. R.	All other	World ¹			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1922.....	647	847	705	1,050	616	3,218	1	3,866	3,289
1923.....	577	759	947	1,263	666	3,535	21	4,133	3,410
1924.....	723	842	619	1,064	618	3,143	.....	3,866	3,293
1925.....	573	669	701	1,404	622	3,596	27	3,996	3,343
1926.....	653	832	798	1,215	659	3,504	49	4,206	3,519
1927.....	687	875	880	1,275	653	3,683	5	4,375	3,624
1928.....	751	914	1,076	1,409	606	4,005	.....	4,756	3,736
1929.....	1,020	823	595	1,449	715	3,582	7	4,609	3,666
1930.....	943	886	867	1,360	781	3,894	112	4,949	3,903
1931.....	1,046	942	732	1,436	767	3,877	70	4,993	3,950
1932.....	1,043	757	898	1,490	731	3,876	17	4,936	3,792
1933.....	1,144	552	745	1,746	805	3,848	34	5,026	3,833
1934.....	1,193	526	650	1,548	837	3,561	2	4,756	3,804
1935.....	952	626	568	1,576	832	3,602	29	4,583	3,817
1936.....	766	627	620	1,481	850	3,578	4	4,348	3,809
1937.....	539	876	553	1,541	885	3,855	30	4,433	3,818
1938 ⁴	615	931	831	1,834	963	4,559	.....	.....	.....

¹ Excludes Union of Soviet Socialist Republics and China.² Year of harvest. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1938 is combined with the Southern Hemisphere harvest which begins late in 1938 and ends early in 1939.³ Excludes production and stocks in Union of Soviet Socialist Republics and China but includes net exports from Union of Soviet Socialist Republics.⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 8.—Wheat: Stocks on farms, United States, 1926-38

Year beginning October	Stocks on farms				Year beginning October	Stocks on farms			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹		Oct. 1	Jan. 1	Apr. 1	July 1 ¹
1926.....	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1932.....	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1927.....	356,249	207,631	101,495	26,640	1933.....	403,044	274,391	183,173	82,882
1928.....	369,010	199,641	86,530	19,588	1934.....	295,644	196,860	119,342	62,516
1929.....	421,677	254,298	130,913	45,106	1935.....	244,275	145,591	98,726	44,339
1930.....	341,387	218,468	131,897	60,216	1936.....	269,169	163,360	98,978	43,988
1931.....	385,915	235,083	117,223	37,867	1937.....	228,172	128,314	71,463	21,851
	490,594	321,985	172,288	93,769	1938.....	326,603	208,510	124,652	59,113
					1935.....	401,411	281,190	189,090	.....

¹ Includes old crop only.

Bureau of Agricultural Economics.

TABLE 9.—Wheat: Production and farm disposition, United States, 1909-37

Crop of—	Production	Used for seed		Fed to livestock ¹	Ground at mills for home use or exchanged for flour	Sold
		Total ¹	Home grown ¹			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1909.....	683,927	69,869	65,456	21,037	10,074	587,380
1910.....	625,476	73,129	68,336	22,778	10,457	523,905
1911.....	618,166	75,170	70,393	35,267	12,103	500,403
1912.....	730,011	72,656	68,659	23,687	10,221	627,444
1913.....	751,101	75,736	72,001	36,244	11,935	630,921
1914.....	897,487	80,972	77,483	27,633	10,757	781,614
1915.....	1,008,637	79,559	77,267	28,755	11,318	891,297
1916.....	634,572	79,042	74,902	38,220	12,182	506,268
1917.....	619,790	86,710	72,749	31,152	11,918	503,971
1918.....	904,130	97,372	89,084	36,869	13,022	765,155
1919.....	952,097	89,914	85,645	36,863	11,614	817,975
1920.....	843,277	88,500	85,015	20,649	11,325	726,288
1921.....	818,964	88,215	84,859	32,984	10,996	690,125
1922.....	846,649	85,528	82,138	48,969	11,116	704,426
1923.....	759,482	74,111	72,254	69,670	10,906	606,652
1924.....	841,617	79,895	75,312	55,727	10,268	700,310
1925.....	668,700	78,828	73,513	28,214	10,691	556,282
1926.....	832,213	83,264	78,858	34,261	10,791	708,303
1927.....	875,059	89,864	84,197	44,507	9,420	736,935
1928.....	914,373	83,663	79,675	56,566	7,682	770,450
1929.....	823,217	83,333	80,737	58,769	6,686	677,023
1930.....	886,470	86,896	77,878	157,188	10,131	641,373
1931.....	941,674	80,049	73,411	173,991	15,090	679,182
1932.....	756,927	83,513	79,565	124,912	16,073	536,377
1933.....	551,683	77,832	68,132	72,261	16,284	395,076
1934.....	526,393	82,585	66,408	83,700	15,457	360,828
1935.....	626,344	87,555	75,320	83,168	15,870	451,986
1936.....	626,766	96,593	71,970	88,272	13,414	453,110
1937 ²	875,676	94,533	82,311	112,860	13,183	667,322

¹ Does not include wheat used for seed in those States for which production estimates of wheat for grain are not made.

² Relates to quantities used by producers on their own farms. Additional quantities of purchased wheat are so utilized.

³ Preliminary.

Bureau of Agricultural Economics

TABLE 10.—Wheat: United States production and exports, by classes, 1925-38 ¹

Year beginning July	Hard red spring		Durum		Hard red winter		Soft red winter		White	
	Production	Exports	Production	Exports	Production	Exports	Production	Exports	Production	Exports
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1925.....	165,780	4,958	60,377	26,834	204,171	9,677	162,962	2,563	75,410	10,157
1926.....	123,282	2,174	45,320	21,970	371,178	73,123	215,709	31,352	76,724	27,631
1927.....	206,679	6,000	81,423	36,500	322,322	60,299	166,592	12,800	98,043	30,400
1928.....	202,803	2,200	99,008	47,500	394,110	35,014	127,393	3,000	91,059	15,400
1929.....	145,621	1,900	57,117	14,800	371,076	54,375	164,400	2,700	85,003	18,400
1930.....	157,378	600	59,522	12,100	403,609	47,365	179,692	2,600	86,269	13,700
1931.....	72,439	100	22,099	4,700	514,085	75,521	262,006	2,300	71,095	14,600
1932.....	189,939	(²)	42,252	1,700	280,450	16,987	159,214	(²)	85,072	2,200
1933.....	106,469	(²)	17,816	(²)	176,997	1,400	162,313	(²)	88,088	17,399
1934.....	53,279	(²)	6,891	(²)	207,860	1,700	188,602	10	69,761	2,839
1935.....	107,975	(²)	24,759	(²)	203,232	108	204,256	37	86,122	166
1936.....	50,742	(²)	8,836	(²)	259,775	424	207,410	49	100,003	2,695
1937.....	101,393	2,000	28,929	(²)	373,371	62,547	257,838	4,000	114,145	15,200
1938 ³	161,440		42,010		387,610		236,800		102,941	

¹ Computed from total exports by customs districts on the basis of inspections of wheat for export by ports and classes in the United States and Canadian eastern grain division.

² Less than 500 bushels.

³ Preliminary.

Bureau of Agricultural Economics.

Estimated production by classes based on questionnaire surveys of local authorities, supplemented by judgment of cereal specialists. Inspection of United States wheat for export data furnished monthly by Federal grain supervision officers at the export markets. Inspections are made at the ports of export. Export figures from reports of the Bureau of Foreign and Domestic Commerce.

TABLE 11.—Wheat and wheat including flour in terms of grain: Exports from the United States, 1928-38

WHEAT, GRAIN

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel
1928.....	4,153	10,374	17,979	22,058	10,562	7,641	3,399	3,214	3,487	3,942	11,741	4,564	103,114
1929.....	8,691	12,094	13,104	8,767	9,977	7,149	8,245	5,185	2,414	3,050	5,433	8,066	92,175
1930.....	11,934	18,646	12,716	6,105	3,266	2,713	1,290	137	1,397	3,531	6,494	8,136	76,365
1931.....	12,731	8,911	8,397	11,873	9,519	7,896	4,072	4,650	5,749	9,351	7,284	6,088	96,521
1932.....	3,208	3,899	2,479	2,656	3,714	1,729	1,793	729	456	194	14	16	20,887
1933.....	29	21	43	24	512	4,152	2,867	2,667	3,065	3,576	1,457	387	18,800
1934.....	826	1,770	108	57	152	32	14	4	10	30	2	8	3,019
1935.....	66	8	14	13	30	34	13	28	29	16	34	26	311
1936.....	26	222	487	926	22	50	33	38	62	137	395	770	3,168
1937 ¹	2,145	5,453	2,678	7,104	6,388	9,645	8,521	8,643	8,510	6,551	11,043	7,059	83,740
1938 ¹	10,544	9,900	3,483	3,104	4,893	4,352	10,219	8,782	8,487	-----	-----	-----	-----

WHEAT, INCLUDING FLOUR IN TERMS OF GRAIN²

1928.....	7,193	14,764	22,772	28,567	16,195	12,053	9,833	8,948	9,090	9,151	16,128	9,003	163,687
1929.....	13,784	17,338	18,568	14,922	15,155	12,428	14,073	9,535	7,321	7,438	10,208	12,475	153,245
1930.....	16,377	24,413	19,352	12,355	8,701	6,906	5,731	3,717	4,757	7,107	10,203	11,856	131,475
1931.....	17,454	11,919	11,729	15,563	13,550	12,100	8,134	7,995	8,554	11,882	8,831	8,086	135,797
1932.....	4,841	5,613	4,226	4,422	5,965	3,549	3,313	2,175	2,015	1,754	1,523	1,705	41,211
1933.....	1,391	1,721	1,530	1,489	1,930	5,975	4,570	4,039	4,733	5,482	2,727	1,418	37,002
1934.....	2,168	3,845	2,190	1,923	1,936	1,511	1,257	1,300	1,600	1,281	1,426	1,195	21,532
1935.....	1,232	1,278	1,324	1,486	1,320	1,132	1,202	1,192	1,424	1,423	1,534	1,382	15,929
1936.....	1,389	1,666	2,415	2,436	1,284	1,731	1,576	1,521	1,565	1,676	2,108	2,217	21,584
1937 ¹	3,385	7,233	4,712	9,329	8,597	11,857	10,276	10,466	10,565	8,518	13,246	9,010	107,194
1938 ¹	12,764	11,670	5,358	5,727	6,917	6,891	12,619	11,946	11,087	-----	-----	-----	-----

¹ Preliminary.² Includes exports of flour made from domestic wheat, and foreign wheat milled in bond.

Bureau of Agricultural Economics. Compiled from Monthly Summary of Foreign Commerce of the United States. Flour converted into terms of wheat on the basis that 1 barrel of flour is the product of 4.7 bushels of grain.

TABLE 12.—Wheat: Receipts graded by licensed inspectors, all inspection points, United States, by months, 1928-38

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel	1,000 bushel
1928.....	161,267	139,714	127,237	130,017	81,352	68,185	46,115	53,800	49,912	34,910	40,499	56,723	989,731
1929.....	234,335	171,098	92,048	64,384	36,369	45,790	32,973	40,215	28,723	25,327	34,265	62,466	867,993
1930.....	221,083	153,923	95,619	54,806	38,532	44,049	53,826	52,491	48,072	37,020	52,869	62,660	914,950
1931.....	219,167	114,427	69,568	64,505	49,838	53,840	38,980	55,105	27,238	28,800	34,642	37,980	774,408
1932.....	112,764	85,520	71,789	46,244	32,003	28,071	25,477	19,592	22,120	30,539	45,232	66,641	586,842
1933.....	94,212	52,980	42,772	30,183	26,925	24,338	24,824	24,591	24,327	20,554	23,680	73,381	462,777
1934.....	113,525	62,723	40,054	26,660	20,997	18,872	14,853	13,254	16,190	19,234	20,346	21,554	387,252
1935.....	73,048	119,468	87,118	55,389	30,666	24,015	24,168	14,408	22,098	15,870	18,340	41,328	525,916
1936.....	159,309	65,712	36,820	32,663	23,900	25,492	17,001	17,010	22,738	20,406	15,038	67,644	503,733
1937.....	209,288	116,210	61,160	44,615	34,347	29,633	28,485	26,950	31,474	27,040	29,763	50,511	698,456
1938.....	199,635	126,105	67,382	55,974	36,168	37,719	33,924	28,330	32,874	31,872	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports of licensed inspectors through district offices of Federal grain inspection. The quantity loaded per car varies, but carlot receipts have been converted to bushels by using conversion factors for crop years as follows, 1928, 1,441; 1929, 1,455; 1930, 1,477; 1931, 1,485; 1932, 1,479; 1933-38, 1,500 bushels per car.

TABLE 13.—Wheat: Receipts graded by licensed inspectors, all inspection points, United States, by classes and grades, 1930-37

Class and year beginning July	Grade						Total
	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	
Hard red spring:	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1930.....	87,418	29,508	30,859	10,742	2,893	1,059	162,479
1931.....	20,809	10,508	10,428	3,130	1,579	603	47,057
1932.....	61,985	29,349	29,066	5,498	1,167	808	127,901
1933.....	62,685	14,237	11,728	2,208	1,002	952	92,812
1934.....	127,845	9,390	8,032	1,557	309	4,614	51,447
1935.....	130,854	8,104	7,994	7,758	12,472	39,879	107,061
1936.....	12,051	5,349	9,096	7,064	3,928	7,095	44,583
1937.....	17,984	8,368	16,526	13,201	11,367	9,478	76,924
Durum:							
1930.....	8,516	32,562	4,616	1,663	579	349	48,285
1931.....	1,286	8,593	1,298	374	163	73	11,687
1932.....	3,235	11,740	1,534	413	180	86	17,188
1933.....	3,585	7,295	306	72	66	172	11,496
1934.....	5,822	2,778	72	10	4	78	8,764
1935.....	1,118	2,476	4,302	4,617	4,551	1,662	18,726
1936.....	2,182	1,700	1,734	1,065	723	234	7,728
1937.....	7,719	7,031	2,469	1,098	406	213	19,836
Red durum:							
1930.....	84	33	14	6	-----	10	147
1931.....	76	1,010	840	250	42	62	2,280
1932.....	6	104	133	70	6	20	339
1933.....	696	812	108	24	4	33	1,677
Hard red winter:							
1930.....	237,604	193,528	51,537	22,161	12,027	7,957	524,814
1931.....	261,155	229,722	52,195	12,859	9,942	7,135	573,008
1932.....	96,126	145,624	45,710	13,687	10,437	6,542	318,125
1933.....	81,954	85,694	20,421	4,378	5,034	4,719	202,110
1934.....	72,014	79,950	15,591	1,527	382	5,229	174,693
1935.....	68,328	86,009	36,064	14,655	8,250	5,244	218,550
1936.....	129,736	74,914	31,171	14,726	9,429	8,204	268,190
1937.....	161,304	103,953	54,330	32,423	18,400	8,765	379,175
Soft red winter:							
1930.....	40,728	14,358	2,758	693	445	449	59,431
1931.....	17,870	38,357	12,994	3,533	1,414	1,488	75,656
1932.....	14,385	26,156	5,648	1,056	1,275	1,254	49,774
1933.....	13,849	32,564	6,982	1,445	870	1,051	56,761
1934.....	21,768	39,112	11,346	1,742	417	1,476	76,881
1935.....	8,208	31,593	32,700	8,743	2,210	6,618	90,192
1936.....	37,329	26,802	4,819	1,098	1,128	1,267	71,667
1937.....	2,979	20,437	28,950	23,030	19,692	14,247	109,335
White:							
1930.....	13,391	29,668	5,819	645	148	235	49,906
1931.....	13,632	21,273	5,267	491	94	94	40,851
1932.....	8,192	17,177	6,877	1,239	284	371	34,140
1933.....	11,172	35,670	11,811	1,650	258	484	61,045
1934.....	16,928	28,178	4,939	387	79	303	50,814
1935.....	20,643	27,480	5,202	1,207	726	1,046	56,304
1936.....	28,162	39,392	6,918	1,136	450	470	76,508
1937.....	23,673	32,729	6,969	1,943	1,192	702	67,208
Mixed:¹							
1930.....	25,100	26,800	9,702	5,206	2,034	1,193	70,035
1931.....	9,670	10,042	4,581	992	563	301	26,149
1932.....	10,613	19,103	6,337	1,707	1,229	725	39,714
1933.....	14,198	17,246	4,533	844	794	939	38,553
1934.....	9,131	12,440	2,848	405	90	612	25,526
1935.....	5,222	10,515	8,401	3,976	2,436	2,283	32,833
1936.....	16,587	11,685	3,639	2,290	906	612	34,728
1937.....	10,719	14,462	9,357	4,768	3,510	1,485	44,301
Total:							
1930.....	412,757	326,424	105,291	41,110	18,126	11,242	914,950
1931.....	324,422	318,405	86,763	21,379	13,745	8,694	774,408
1932.....	194,635	249,149	95,202	23,598	14,572	9,786	586,842
1933.....	187,443	192,616	55,781	10,597	8,024	8,316	462,777
1934.....	153,292	171,881	42,642	5,534	1,281	12,322	387,252
1935.....	134,449	167,187	95,593	41,206	30,687	56,794	525,916
1936.....	226,053	100,036	57,510	26,458	15,858	17,843	503,733
1937.....	225,074	188,692	118,709	76,487	54,571	34,923	698,456

¹ Includes 9,914,000 bushels of No. 1 Heavy in 1934; 19,202,500 bushels in 1935; 5,244,000 bushels in 1936, and 8,197,500 bushels in 1937.

² Mixed durum included.

Bureau of Agricultural Economics. Compiled from reports of licensed inspectors through district offices of Federal grain inspection. See 1927 Yearbook, table 15, and 1928 Yearbook, table 15, for data for earlier years. The quantity loaded per car varies, but carlot receipts have been converted to bushels by using the following conversion factors: 1930, 1,477; 1931, 1,485; 1932, 1,479; 1933-37, 1,500 bushels per car.

TABLE 14.—Wheat: Commercial stocks, 1928-38

DOMESTIC WHEAT IN UNITED STATES¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	38,587	63,133	93,870	115,469	139,493	140,172	144,351	129,646	126,377	124,756	113,392	96,059
1929.....	90,442	136,423	186,847	198,211	202,461	189,926	182,226	168,346	160,674	153,122	135,471	120,303
1930.....	109,327	161,897	201,319	220,600	211,381	206,618	199,649	202,694	208,651	213,583	206,490	209,110
1931.....	203,967	235,727	261,742	256,327	244,043	236,616	226,874	217,719	216,282	207,215	186,549	176,237
1932.....	168,405	175,918	188,942	194,858	191,829	176,428	168,465	155,552	147,132	135,552	124,395	117,536
1933.....	123,712	134,946	151,738	156,652	151,294	142,187	132,511	116,472	107,233	97,132	88,821	78,967
1934.....	80,548	115,922	122,380	120,075	108,518	99,158	90,937	75,274	61,751	51,882	39,424	30,775
1935.....	21,951	34,739	62,495	79,703	84,326	81,173	76,694	70,254	59,926	49,919	40,698	31,174
1936.....	25,202	67,305	81,048	82,849	76,423	70,314	62,366	52,251	43,709	34,741	26,253	17,088
1937.....	16,197	89,334	137,932	141,496	130,260	108,631	94,529	79,203	66,467	54,426	43,191	31,316
1938.....	28,333	96,389	133,725	139,273	141,914	136,204	128,748	108,936	95,474	82,687	74,851	-----

UNITED STATES WHEAT IN CANADA²

1928.....	2,506	2,258	2,546	3,295	8,602	8,280	7,328	3,930	2,139	1,586	1,738	4,865
1929.....	3,332	2,288	4,450	8,658	9,065	9,101	8,161	7,517	6,613	5,860	5,431	4,359
1930.....	4,729	3,961	3,812	5,578	4,756	4,790	4,819	4,802	4,951	5,254	5,897	7,851
1931.....	15,947	22,934	32,236	32,511	31,627	29,414	29,153	28,652	27,682	27,578	26,872	17,461
1932.....	15,895	15,364	11,334	8,503	7,728	7,000	6,938	6,742	6,554	6,403	5,384	4,782
1933.....	4,047	3,740	3,672	3,114	2,656	2,251	2,249	2,249	2,235	2,229	2,228	0
1934.....	0	0	0	849	1,049	1,049	1,049	1,049	1,049	1,049	1,049	200
1935.....	0	0	0	0	0	0	0	0	0	0	0	0
1936.....	0	0	0	0	0	0	0	0	0	0	0	0
1937.....	59	123	1,449	1,744	2,443	1,854	1,858	1,517	1,292	994	746	1,057
1938.....	690	328	107	162	465	555	426	252	151	109	85	-----

CANADIAN WHEAT IN CANADA³

1928.....	82,781	51,882	26,964	85,804	140,441	149,054	179,805	176,196	169,379	164,429	133,397	115,126
1929.....	94,939	82,766	81,348	145,739	188,009	187,784	191,139	184,834	178,689	170,688	157,912	128,020
1930.....	110,202	86,463	84,287	140,943	167,287	177,000	185,017	175,741	172,699	169,407	153,088	126,601
1931.....	107,561	105,193	96,449	119,117	152,863	169,088	172,631	173,593	171,191	172,281	159,982	138,616
1932.....	134,040	116,767	110,818	187,252	225,519	221,997	223,816	219,866	215,785	219,537	217,309	196,382
1933.....	194,776	189,926	194,168	221,762	242,073	228,561	227,649	223,888	220,524	218,368	205,796	195,084
1934.....	179,438	177,713	174,123	214,357	236,325	230,911	230,531	221,831	219,318	215,031	202,336	192,175
1935.....	187,905	183,857	176,319	213,690	238,700	232,977	225,986	215,260	199,570	188,935	173,331	148,564
1936.....	119,645	99,037	116,861	143,109	131,226	104,707	85,518	77,804	72,092	68,216	61,933	50,821
1937.....	37,696	29,174	47,217	72,723	71,950	57,397	52,674	50,088	45,528	43,399	41,029	28,921
1938.....	25,065	18,726	65,457	150,665	173,542	162,375	161,161	150,376	-----	-----	-----	-----

CANADIAN WHEAT IN UNITED STATES⁴

1928.....	11,132	13,610	3,789	7,548	18,291	33,902	46,717	38,327	32,851	23,854	28,772	25,538
1929.....	23,196	23,550	22,025	21,753	28,316	34,527	38,000	35,517	31,516	25,295	17,587	14,372
1930.....	16,435	16,468	12,603	17,765	22,112	30,297	32,866	26,954	18,085	11,554	2,766	5,926
1931.....	6,021	6,244	6,227	6,116	12,596	23,460	25,212	21,905	14,589	11,426	4,619	5,958
1932.....	4,532	4,707	5,581	10,988	13,917	15,197	13,575	10,996	7,792	5,922	2,497	4,609
1933.....	4,337	6,697	4,785	6,752	10,016	14,767	14,038	9,798	9,171	6,553	1,519	5,253
1934.....	10,121	9,727	10,103	14,221	17,576	23,569	27,563	24,963	21,485	16,321	11,919	9,370
1935.....	9,279	10,507	18,571	20,600	32,050	32,845	34,959	28,620	23,117	15,084	11,889	13,382
1936.....	15,287	19,117	18,309	19,010	22,282	23,953	25,121	21,128	17,008	12,022	10,008	7,267
1937.....	5,311	4,112	2,547	1,447	2,414	4,846	4,704	3,345	2,019	1,110	715	681
1938.....	781	780	541	1,826	3,915	8,279	7,873	6,293	3,611	1,774	769	-----

¹ Domestic wheat in store in public and private elevators in 39 markets and wheat afloat in vessels or barges in harbors of lake and seaboard ports, Saturday nearest the 1st of the month.

² United States wheat in store at 15 Canadian ports or afloat in vessels or barges in harbors of lake and seaboard ports, Friday nearest the 1st of the month.

³ Canadian wheat in Canada exclusive of farm stocks, Friday nearest the 1st of the month.

⁴ Canadian wheat in store and afloat at 16 United States lake and seaboard ports, Saturday nearest the 1st of the month.

Bureau of Agricultural Economics. United States and Canadian wheat in Canada from Canadian Bureau of Statistics.

TABLE 15.—Wheat: Supply and distribution in continental United States, 1923-38
SUPPLY

Year beginning July	Stocks July 1					New crop	Imports (flour included) ¹	Total supply
	On farms	In country elevators and mills	Commercial stocks ¹	In merchant mills and elevators and stored for others ²	Total			
With new wheat in commercial and merchant mill stocks:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1923	35,239	37,117	28,956	31,000	132,312	759,482	14,578	906,372
1924	29,349	36,626	38,112	33,000	137,087	841,617	304	979,008
1925	28,638	25,287	28,900	25,576	108,401	668,700	1,747	778,848
1926	27,071	29,501	16,148	27,505	100,225	832,213	77	932,515
1927	26,640	21,776	21,052	40,038	109,506	875,059	188	984,753
1928	19,588	19,277	38,587	34,920	112,372	914,373	91	1,026,836
1929	45,106	41,546	90,442	51,279	228,373	823,217	53	1,051,643
1930	60,216	60,166	109,327	59,170	288,879	886,470	354	1,175,703
1931	37,867	30,252	205,967	41,202	315,288	941,674	7	1,284,969
1932	93,769	41,585	168,405	71,714	375,473	756,927	10	1,132,410
1933	82,882	64,206	123,712	107,052	377,942	551,683	153	929,778
1934	62,516	48,150	80,548	83,114	274,328	526,393	15,569	816,290
1935	44,339	31,729	21,951	49,524	147,543	626,344	34,617	808,504
1936	43,988	22,296	25,202	50,590	142,076	626,766	34,455	803,297
1937	21,851	11,942	16,197	82,899	102,889	875,676	634	979,199
1938	59,113	31,443	28,333	54,214	173,103	930,801	-----	1,103,904
With only old wheat in all stocks positions:								
1937	21,851	11,942	³ 9,022	⁴ 40,399	83,214	875,676	634	959,524
1938	59,113	31,443	³ 22,190	⁴ 40,791	153,537	930,801	-----	1,084,338

DISTRIBUTION

Year beginning July	Exports and shipments ⁵				Disappearance				Stocks June 30 ⁶	Per capita disappearance (total less seed)
	Exports (wheat only)	Exports flour as wheat	Shipments (flour included) ⁷	Total	Seed	Feed (fed on farms of wheat growers)	Food and commercial feeds ⁸	Total		
With new wheat in commercial and merchant mill stocks:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1923	78,793	67,213	2,973	148,979	74,111	69,670	476,525	620,306	137,087	4.9
1924	105,490	59,478	2,871	257,839	79,895	57,727	477,146	612,768	108,401	4.7
1925	63,189	31,428	2,741	97,358	78,828	28,214	474,223	581,265	100,225	4.3
1926	156,250	49,761	3,082	209,093	83,264	34,261	496,391	613,916	109,506	4.5
1927	145,999	45,228	2,692	193,919	89,864	44,507	544,091	678,462	112,372	4.9
1928	103,114	38,106	3,172	144,392	83,663	56,566	513,842	654,071	228,373	4.7
1929	92,175	48,179	2,983	143,337	83,353	58,769	477,305	619,427	288,879	4.4
1930	76,365	36,063	2,850	115,278	80,886	157,188	509,063	747,137	313,288	5.4
1931	96,521	26,376	2,757	125,654	80,049	173,991	499,802	753,842	375,473	5.4
1932	20,887	10,979	3,023	34,889	83,513	124,912	511,154	719,579	377,942	5.1
1933	18,800	6,798	2,779	28,377	77,832	72,261	476,980	627,073	274,328	4.4
1934	3,019	7,512	2,783	13,314	82,585	83,700	489,148	655,433	147,543	4.5
1935	311	3,896	2,908	7,115	87,555	83,168	488,590	659,313	142,076	4.5
1936	3,168	6,099	3,009	12,276	96,593	88,272	503,267	688,132	102,889	4.7
1937	83,747	16,322	3,321	103,390	94,533	112,860	495,313	702,706	173,103	4.7
With only old wheat in all stocks positions:										
1937	83,747	16,322	3,321	103,390	94,533	112,860	495,204	702,597	153,537	4.7

¹ 1923 to 1926 Bradstreet's, excluding country elevator stocks.² Stocks in merchant mills and elevators—1923 and 1924 estimated in absence of actual figures; 1925-38, Bureau of Census figures raised to represent all merchant mills. Stored for others—1923-29, estimated in absence of actual figures; 1930-38, Bureau of Census figures raised to represent all merchant mills.³ From reports of Foreign and Domestic Commerce of the United States. Imports include full-duty wheat, wheat paying a duty of 10 percent ad valorem, and flour in terms of wheat; and exclude flour free for export as follows: 42,742 bushels in 1935-36; 108,095 bushels in 1937-38. Exports include only flour made from domestic wheat; 1923-35 estimated on basis of total exports less wheat imported for milling in bond and export adjusted for changes in carry-over; beginning 1935 figures for exports of flour wholly from United States wheat.⁴ Includes durum wheat returned from Montreal, estimated at 1,500,000 bushels.⁵ For 1937 excludes 7,175,000 bushels new wheat; for 1938 excludes 6,143,000 bushels new wheat.⁶ For 1937 excludes new wheat estimated at 12,500,000 bushels; for 1938 excludes 13,423,000 bushels reported as new wheat by Bureau of Census.⁷ Shipments are to Alaska, Hawaii, Puerto Rico, and Virgin Islands (Virgin Islands prior to Dec. 31, 1934, included with domestic exports).⁸ For individual items, see supply section of this table.⁹ Balancing item.

Bureau of Agricultural Economics.

TABLE 16.—Wheat: Average price per bushel received by farmers, United States, 1928-38

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	118.1	95.2	94.4	98.7	97.1	98.2	98.5	104.2	104.7	99.8	90.1	86.8	99.8
1929.....	101.6	110.0	111.4	110.7	102.8	107.3	107.5	101.3	91.9	93.4	87.5	87.9	103.6
1930.....	70.6	74.0	70.3	65.6	60.0	61.3	59.1	58.7	58.3	59.2	59.9	51.9	67.1
1931.....	36.3	35.4	35.7	36.1	30.5	44.1	44.1	44.0	44.2	43.1	42.4	37.3	39.0
1932.....	35.6	38.5	37.4	34.6	32.8	31.6	32.9	32.3	34.5	44.8	59.0	58.7	38.2
1933.....	86.9	74.7	71.1	63.6	71.1	67.3	69.4	72.0	70.9	68.7	69.5	78.9	74.4
1934.....	78.8	89.6	92.2	88.5	88.1	90.6	89.3	87.9	85.5	90.2	87.8	77.3	84.5
1935.....	76.4	80.8	85.2	95.1	87.6	89.0	92.0	91.1	89.5	85.4	81.6	79.9	83.2
1936.....	94.1	105.1	104.3	106.8	106.4	114.5	123.6	124.9	123.2	128.6	118.3	108.9	102.6
1937.....	112.8	99.4	93.0	88.7	81.9	83.6	88.6	86.6	80.3	75.0	71.4	69.7	96.2
1938.....	60.8	50.7	52.5	52.2	52.0	53.6	57.1	56.9	56.7	57.8	63.0	.....	55.2

1 Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices by States weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 530.

TABLE 17.—Wheat: Average price per bushel, selected markets and grades, 1900-1937

Year beginning July	Minneapolis, No. 1 Northern Spring	Minneapolis, No. 2 Amber Durum	St. Louis, No. 2 Red Winter	Kansas City, No. 2 Hard Winter	Chicago, No. 2 Hard Winter	New York, No. 2 Hard Winter 1	Liverpool, imported 2
	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1900.....	75	75	74	67	72	84	87
1901.....	72	72	72	68	71	82	87
1902.....	74	74	71	68	73	85	89
1903.....	89	69	87	77	81	98	90
1904.....	113	92	103	97	101	120	95
1905.....	84	70	90	80	86	96	98
1906.....	83	64	76	72	76	92	93
1907.....	107	85	94	93	96	116	110
1908.....	111	95	104	99	100	122	120
1909.....	109	90	113	107	109	120	120
1910.....	105	87	99	98	100	104	107
1911.....	107	98	94	97	94	110	112
1912.....	87	85	105	88	94	103	114
1913.....	88	83	89	84	80	99	106
1914.....	120	122	110	105	111	136	157
1915.....	109	104	120	119	114	128	175
1916.....	176	180	163	171	157	208	224
1917.....	220	218	223	252	228	240	235
1918.....	225	222	223	219	234	237	240
1919.....	272	249	230	242	227	255	215
1920.....	207	200	213	183	216	210	223
1921.....	143	119	127	120	128	135	151
1922.....	120	107	121	113	113	131	144
1923.....	117	106	107	105	106	121	127
1924.....	156	156	159	135	139	170	181
1925.....	161	144	169	163	161	180	176
1926.....	146	155	138	135	140	156	163
1927.....	136	132	149	135	138	153	152
1928.....	118	113	139	112	117	131	128
1929.....	133	119	130	120	130	126	129
1930.....	83	78	83	76	84	92	80
1931.....	68	76	52	47	53	68	59
1932.....	60	58	55	51	53	69	54
1933.....	94	103	94	88	94	106	68
1934.....	113	* 138	94	98	102	119	81
1935.....	119	* 113	95	105	104	125	90
1936.....	146	* 157	111	121	117	143	126
1937.....	123	* 107	113	111	118	116	124

1 1900-1908 averages of monthly high and low from Annual Statistical Report, New York Produce Exchange, of No. 1 Northern Spring: 1909 to date averages of daily closing prices in the cash market from New York Journal of Commerce.

2 Compiled from Broomhall's Yearbooks and Corn Trade News. 1900-25, imported red; 1926 to date, average of all parcels at Liverpool.

3 Average for 6 months.

4 Average for 10 months.

5 Average for 11 months.

6 Hard Amber Durum beginning 1934.

Bureau of Agricultural Economics.

The prices of Chicago, Minneapolis, Kansas City, and St. Louis are weighted averages. New York and Liverpool are simple averages. The weighted average prices are compiled from daily trade papers of markets named.

TABLE 18.—Wheat: Average price per bushel of reported cash sales at Minneapolis, St. Louis, Kansas City, and six markets combined, 1928-33

Grade, market, and year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Weighted aver- age
No. 1 Dark North- ern Spring, Minneapolis:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928.....	147	124	126	123	124	122	129	136	132	129	121	123	126
1929.....	150	138	137	132	130	132	131	125	116	114	110	105	130
1930.....	96	92	87	83	75	77	77	76	76	80	82	76	82
1931.....	65	66	71	72	80	74	77	77	72	73	72	64	71
1932.....	59	59	59	54	50	49	51	50	54	66	76	81	61
1933.....	107	92	90	85	87	84	90	90	89	84	94	104	91
1934.....	108	120	121	115	114	117	118	115	113	119	116	105	116
1935.....	113	127	133	134	128	128	133	131	124	123	114	124	126
1936.....	136	147	146	148	144	159	166	159	153	156	146	145	147
1937.....	151	153	134	127	115	120	127	125	110	110	105	105	128
1938.....	88	78	76	73	73	77	80	78	77	78			
No. 2 Amber Dur- um, Minneap- olis:													
1928.....	123	108	106	112	114	110	127	129	124	118	108	115	113
1929.....	135	127	128	125	119	123	119	111	97	90	97	88	119
1930.....	87	86	79	78	70	74	72	73	72	73	77	64	78
1931.....	61	73	73	79	87	84	87	86	78	72	67	56	76
1932.....	64	67	63	61	60	60	62	61	67	68	74	73	58
1933.....	108	102	100	97	100	97	111	109	110	97	109	112	103
1934.....	132	144	151	145	142	141	144	136	128	133	118	103	138
1935.....	105	115	111	117	113	112	120	121	114	106	106	112	113
1936.....	143	149	137	153	148	178	171	170	183	172	128	122	157
1937.....	133	116	110	108	100	106	109	110	105	100	88	90	107
1938.....	80	73	69	66	65	70	73	72	74	70			
No. 2 Red Win- ter, St. Louis:													
1928.....	147	138	145	144	145	139	142	140	135	125	117	121	139
1929.....	139	132	135	132	129	135	134	123	118	117	114	105	130
1930.....	85	80	88	87	83	83	78	70	78	80	79	72	83
1931.....	48	47	47	52	62	57	57	57	55	57	56	49	52
1932.....	47	53	54	50	47	46	50	49	55	69	81	82	55
1933.....	101	92	89	86	90	87	91	91	89	83	87	91	94
1934.....	92	101	104	100	101	104	102	98	95	97	93	86	94
1935.....	87	92	103	110	105	106	109	109	108	107	102	95	95
1936.....	106	117	119	121	123	135	140	143	143	144	132	122	111
1937.....	122	112	109	104	93	95	100	99	92	85	77	75	113
1938.....	69	66	67	68	66	70	73	73	73	76			
No. 2 Hard Win- ter, Kansas City:													
1928.....	120	106	107	110	112	111	114	118	116	110	101	105	112
1929.....	125	123	124	122	119	121	119	113	102	101	99	89	120
1930.....	60	61	78	74	69	71	69	69	70	73	73	68	76
1931.....	44	43	43	48	59	52	53	54	51	53	54	46	47
1932.....	45	48	48	45	43	42	44	44	48	60	70	76	51
1933.....	98	90	87	83	84	80	84	85	82	78	86	89	88
1934.....	93	107	108	102	102	104	101	100	97	105	99	88	98
1935.....	99	104	115	119	113	111	113	110	106	102	95	96	105
1936.....	111	122	122	122	122	134	138	137	139	140	132	121	121
1937.....	122	112	110	106	94	96	103	100	91	85	80	77	111
1938.....	70	66	66	65	63	67	71	69	69	70			
6 markets, all classes and grades:¹													
1928.....	126.0	108.4	108.9	107.0	107.4	113.7	118.1	114.2	109.2	101.1	105.3	110.6	
1929.....	129.8	125.7	127.4	123.7	121.2	123.5	121.6	115.8	103.9	102.5	100.9	94.1	121.9
1930.....	82.6	84.7	79.0	76.0	69.8	72.5	71.4	70.9	71.4	74.5	75.5	66.8	77.1
1931.....	46.5	50.6	55.7	58.4	68.7	60.0	61.3	59.0	67.8	60.1	60.8	52.8	55.1
1932.....	47.6	55.1	55.1	51.2	48.8	46.1	48.4	47.9	53.1	64.4	73.4	77.7	57.0
1933.....	100.3	92.3	89.1	84.3	86.7	83.0	88.3	90.9	88.1	82.8	93.7	94.9	91.2
1934.....	94.6	114.7	119.2	113.8	113.2	112.2	111.5	112.1	105.7	112.5	108.0	96.5	106.3
1935.....	96.7	97.6	102.7	107.3	97.8	100.0	106.6	107.1	98.1	94.9	90.0	96.1	99.8
1936.....	109.7	126.6	124.8	128.9	127.5	139.3	144.3	138.5	141.6	140.8	131.5	123.0	121.2
1937.....	118.7	107.5	108.7	103.7	93.5	96.2	102.4	98.8	93.0	86.2	82.0	81.3	106.3
1938.....	68.4	68.8	68.3	65.3	64.9	68.3	72.6	70.6	71.0	72.4			

¹ No. 2 Hard Amber Durum beginning July 1934.² The markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth. Compiled from daily trade papers of markets named.

Bureau of Agricultural Economics. Computed by weighting selling price by number of carlots sold, as reported in Minneapolis Daily Market Record, St. Louis Daily Market Reporter, and Kansas City Grain Market Review. Data for earlier years in 1928 Yearbook, table 22.

TABLE 19.—Wheat: Average spot price per bushel in specified exporting countries and in England, 1928-38

Description, market, and year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
Canadian No. 3 Northern Manitoba, at Winnipeg:													
1928.....	Cents 120	Cents 108	Cents 106	Cents 111	Cents 111	Cents 109	Cents 112	Cents 120	Cents 119	Cents 115	Cents 107	Cents 112	Cents 112
1929.....	152	152	144	134	126	130	123	110	100	103	104	98	123
1930.....	90	88	74	68	60	48	47	53	50	54	53	53	62
1931.....	49	46	43	45	52	43	44	48	49	50	49	43	47
1932.....	43	46	43	41	38	32	35	35	38	43	53	57	42
1933.....	75	65	61	54	60	55	59	61	62	61	65	72	62
1934.....	78	83	79	73	75	74	72	72	74	80	78	74	76
1935.....	73	76	83	82	77	76	79	76	75	74	71	73	77
1936.....	88	97	100	107	105	115	120	121	130	133	126	120	113
1937.....	139	122	121	117	111	116	121	114	116	116	106	104	117
1938.....	90	72	58	55	52	52	52	52	51	53			
Argentine No. 2, semihard, at Buenos Aires:													
1928.....	131	120	118	120	118	112	113	116	114	111	103	100	115
1929.....	123	123	122	122	119	124	124	114	107	112	109	104	117
1930.....	98	98	87	77	66	58	52	53	52	52	51	51	66
1931.....	49	45	42	44	52	46	44	46	48	49	50	48	47
1932.....	47	49	50	47	43	40	39	38	38	41	48	50	44
1933.....	64	60	62	56	60	50	52	52	53	54	53	57	56
1934.....	60	74	66	58	58	58	57	56	58	65	64	62	61
1935.....	62	66	76	80	73	86	92	91	91	90	90	91	82
1936.....	99	108	101	101	95	99	98	100	112	124	123	117	106
1937.....	127	126	129	145	124	106	110	109	102	99	90	82	112
1938.....	78	67	61	56	53	59	59	60	60				
Australian milling, at Sydney:													
1928.....	128	116	112	112	113	112	111	113	111	110	104	103	112
1929.....	124	128	131	127	121	126	119	112	104	105	102	98	116
1930.....	88	86	72	61	58	54	44	40	40	42	47	43	56
1931.....	42	40	38	40	48	43	43	44	45	46	47	44	43
1932.....	43	45	46	41	38	35	37	37	38	40	48	52	42
1933.....	62	56	55	46	54	53	51	49	51	52	52	55	53
1934.....	58	66	59	53	49	52	56	57	59	64	63	60	58
1935.....	57	61	66	70	67	69	74	71	72	73	73	71	69
1936.....	79	93	93	96	94	104	100	98	105	106	103	100	98
1937.....	107	101	99	99	91	89	89	89	82	79	77	71	89
1938.....	67	58	50	53	48	46							
English, imported parcels, at Liverpool:¹													
1928.....	141	126	126	129	129	126	131	135	131	125	116	117	128
1929.....	141	142	137	136	127	141	140	125	117	120	115	110	129
1930.....	104	106	91	86	81	74	68	70	67	71	72	67	80
1931.....	62	53	53	58	67	57	56	60	64	64	61	55	59
1932.....	54	57	59	55	52	49	50	47	47	52	61	63	54
1933.....	79	67	73	60	68	65	69	66	67	68	67	67	68
1934.....	76	94	86	77	76	81	78	76	80	80	84	79	81
1935.....	81	86	91	99	86	93	99	91	92	89	87	86	90
1936.....	100	115	114	119	115	129	132	125	136	159	141	133	126
1937.....	143	135	136	137	135	140	119	130	110	108	99	101	124
1938.....	98	85	79	73	67	60	62	65	57	61			

¹ New crop.² English parcels prices are afloat or early delivery.

Bureau of Agricultural Economics. Compiled in original currencies and units as follows: Canada—July 1928, Reports on the Grain Trade of Canada, Winnipeg, annual. August 1928 to date, Minneapolis Daily Market Record. Monthly prices are averages of daily cash closing prices, in store at Fort William and Port Arthur. Argentina—Revista de la Bolsa de Cereales, Buenos Aires, weekly. Averages of daily prices described as follows: July 1, 1928–July 27, 1934, Barillet, for Brazil and/or consumption; July 28, 1934–Dec. 28, 1935, "Brazil"; January 3, 1936 to date, No. 2, semihard. Average of daily official market prices for merchandise of export grade. Australia—July 1928–June 1931, Statistical Register of New South Wales, annual; July 1931 to date, New South Wales Statistical Bulletin, Sydney, quarterly. No description given as to how monthly averages are computed. England—Broomball's Corn Trade News, Liverpool, daily. Averages of daily sales prices of parcels at Liverpool. Beginning 1933, occasional "on sample" prices are excluded. Parcels are less than cargo lots.

Price converted to cents per bushel of 60 pounds at current monthly rates of exchange as reported by the Federal Reserve Board (Canadian and English prices converted at par prior to September 1931). Annual averages computed from monthly prices carried to 1 decimal. For earlier Winnipeg and Liverpool prices, see the 1930 Yearbook, tables 22 and 23.

TABLE 20.—Wheat: Volume of trading in futures at all contract markets, by months and crop years, 1928-38¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.	Mil- lion bu.
1928.....	996	1,133	818	916	750	517	1,085	892	1,083	1,361	1,253	1,391	12,195
1929.....	2,889	2,265	1,401	1,738	1,805	1,608	1,334	1,484	1,201	1,501	1,004	1,377	19,607
1930.....	1,306	1,531	1,216	1,160	1,094	529	347	369	433	706	635	737	10,063
1931.....	677	647	519	925	1,479	864	654	770	859	1,127	787	840	10,147
1932.....	592	1,214	831	714	725	488	518	365	551	1,548	1,483	1,864	10,890
1933.....	2,000	820	802	989	917	529	519	383	373	632	1,046	1,084	10,093
1934.....	1,089	1,273	605	758	614	542	479	280	433	733	638	652	8,097
1935.....	1,158	917	902	1,075	627	570	448	322	466	801	591	768	8,644
1936.....	1,329	1,032	662	515	519	1,164	778	776	1,170	1,245	924	1,545	11,659
1937.....	1,639	1,161	848	929	926	635	660	400	577	572	512	892	9,752
1938.....	725	764	701	380	336	325	300	168	202	326	-----	-----	-----

¹ Grain exchanges fulfilling conditions of the Commodity Exchange Act respecting location, facilities, and rules and which have been designated "contract markets" by the Secretary of Agriculture. Trading in grain futures on exchanges in the United States is limited by the act to contract markets. Contract markets conducting trading in wheat futures are shown in table 21.

Commodity Exchange Administration.

TABLE 21.—Wheat: Volume of trading in futures at contract markets, by markets and crop years, 1928-37

Year beginning July	Chi- cago Board of Trade	Chi- cago Open Board of Trade	Min- neapo- lis Cham- ber of Com- merce	Kan- sas City Board of Trade	Du- luth Board of Trade	St. Louis Mer- chants Ex- change	Mil- wau- kee Grain and Stock Ex- change	Seat- tle Grain Ex- change	Port- land Grain Ex- change	New York Pro- duce Ex- change	Oma- ha Grain Ex- change (¹)	Hutch- inson Board of Trade
	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels	Mil- lion bushels
1928.....	9,908	387	887	576	377	27.6	25.0	7.9	0.4	-----	(²)	-----
1929.....	16,599	466	1,245	875	328	22.2	39.3	14.4	15.0	-----	-----	-----
1930.....	8,566	297	581	515	220	8.8	15.3	12.2	2.8	25.4	15.3	-----
1931.....	8,566	334	364	773	67	15.2	17.6	5.4	12.9	1.0	.1	1.3
1932.....	9,093	267	589	799	102	10.8	19.4	5.4	3.1	-----	-----	1.4
1933.....	8,399	249	605	735	72	6.1	18.7	6.0	3.3	-----	-----	.2
1934.....	6,798	128	457	678	16	1.7	13.4	3.6	1.4	-----	-----	.4
1935.....	7,272	132	526	666	31	1.8	12.9	2.8	.7	-----	-----	.5
1936.....	10,152	176	442	835	11	2.2	16.4	1.9	.7	-----	-----	.4
1937.....	8,501	159	437	800	38	2.3	10.8	3.7	.8	-----	-----	-----

¹ Trading on Omaha Grain Exchange started June 16, 1930, and was suspended Dec. 7, 1932.

² Less than 50,000 bushels.

³ Trading on Hutchinson Board of Trade began May 16, 1932, ceased Sept. 12, 1936. License surrendered Oct. 26, 1936.

Commodity Exchange Administration.

TABLE 22.—Wheat: Open contracts in all futures combined, Chicago Board of Trade, semimonthly, Jan. 15, 1928–Dec. 31, 1938

Date	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
Jan. 15.....	83	116	106	132	116	134	129	111	109	109	93
Jan. 31.....	84	115	201	134	113	133	134	105	109	106	91
Feb. 15.....	86	128	194	133	117	132	131	99	103	106	90
Feb. 28.....	88	142	178	135	126	129	126	96	103	108	94
Mar. 15.....	85	146	173	130	130	125	120	92	100	113	90
Mar. 31.....	95	143	168	127	126	127	116	84	99	111	87
Apr. 15.....	101	147	165	126	120	136	113	81	94	110	84
Apr. 30.....	122	133	140	115	114	148	96	73	83	96	75
May 15.....	102	127	132	93	110	150	90	70	74	87	72
May 31.....	93	134	125	70	112	151	91	73	66	89	65
June 15.....	93	125	127	78	112	160	103	74	62	89	69
June 30.....	87	140	105	79	106	164	117	71	56	85	71
July 15.....	85	164	110	88	111	191	140	73	70	96	87
July 31.....	102	210	126	86	121	167	158	90	89	114	102
Aug. 15.....	112	218	143	95	139	163	163	101	92	137	114
Aug. 31.....	113	216	142	96	157	150	158	108	91	135	119
Sept. 15.....	116	230	162	95	162	151	153	113	89	126	109
Sept. 30.....	111	243	167	94	171	158	147	116	95	123	105
Oct. 15.....	123	246	174	98	165	152	135	124	98	110	112
Oct. 31.....	125	221	185	121	155	137	133	129	102	110	118
Nov. 15.....	130	198	184	127	155	142	133	131	102	101	117
Nov. 30.....	433	190	161	123	139	138	128	125	100	101	108
Dec. 15.....	128	190	155	118	139	138	125	118	94	101	100
Dec. 31.....	129	184	145	115	133	133	119	110	102	94	97

Commodity Exchange Administration.

The maximum open contracts in Chicago wheat futures during period shown were 248,294,000 bushels, Oct. 16, 1929; the minimum open contracts were 53,568,000 bushels, June 23, 1936.

TABLE 23.—Wheat, including flour in terms of grain: International trade, averages 1925–34, annual 1935–37

Country	Average 1925–29		Average 1930–34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
Canada.....	306,094	821	224,270	376	187,647	521	264,867	383	114,400	1,350
United States ¹	173,535	14,676	84,021	14,913	4,639	27,501	6,476	39,862	45,518	8,789
Argentina.....	163,164	7	137,034	1	146,313	0	63,209	0	147,647	0
Australia.....	95,770	3	124,500	3	101,433	3	97,710	2	100,515	2
Hungary.....	22,164	106	18,111	2	14,820	0	23,706	0	16,388	0
Union of Soviet Socialist Republics.....	16,153	3,449	49,678	1,394	27,960	1,221	4,968	633	33,972	78
British India.....	13,275	7,706	4,769	3,988	2,304	742	9,287	580	19,930	73
Yugoslavia.....	10,138	468	6,113	3	1,229	0	11,019	0	12,090	1
Rumania.....	6,237	408	11,208	14	9,278	5	22,442	3	36,788	0
Algeria.....	4,831	2,129	10,360	1,632	11,731	875	11,346	710	7,129	1,443
Tunisia.....	3,354	710	5,732	1,032	6,657	274	1,934	1,125	3,128	628
Bulgaria.....	1,868	653	4,550	45	1,293	0	4,720	0	7,232	0
Chile.....	1,824	489	897	824	784	773	1,841	31	1	253
Poland.....	1,282	6,774	3,021	537	5,873	1	7,705	0	1,575	57
Total.....	819,689	38,488	684,465	26,564	521,961	31,918	531,290	43,329	546,313	12,983

See footnotes at end of table.

TABLE 23.—Wheat, including flour in terms of grain: International trade, averages 1925-34, annual 1935-37—Continued

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL IMPORTING COUNTRIES	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls	1,000 bush- cls
United Kingdom.....	12,360	217,084	9,859	227,408	6,915	208,375	6,162	208,148	4,013	199,505
Germany.....	11,898	87,909	15,203	33,056	1,116	5,976	3,227	2,732	218	47,239
Italy.....	2,328	82,686	6,193	40,337	10,456	20,322	7,763	19,700	8,486	61,109
France.....	633	46,713	18,415	53,678	37,908	28,793	18,342	22,015	6,781	18,845
Belgium.....	2,960	43,576	3,684	47,709	2,293	38,928	2,078	44,003	5,579	44,976
Brazil.....	19	32,522	11	32,190	1	34,699	17	36,371	—	36,292
Netherlands.....	1,297	29,647	1,060	29,447	1,381	21,562	279	20,404	1,211	24,209
China.....	1,862	23,486	1,130	42,162	368	21,724	1,631	5,861	341	3,120
Manchuria.....	(²)	(²)	1,452	21,536	782	23,558	570	10,656	787	3,971
Japan.....	5,819	22,840	10,737	22,068	14,637	16,458	6,576	12,540	8,149	7,326
Greece.....	0	20,020	1	18,953	0	16,337	0	17,366	0	18,626
Czechoslovakia.....	214	18,952	3,309	12,414	1,474	3,544	2,978	69	11,645	1,280
Ireland.....	72	18,566	18	18,929	0	15,122	0	15,965	0	12,847
Switzerland.....	0	16,345	15	18,592	4	17,641	4	17,047	7	16,116
Austria.....	164	15,409	114	13,903	35	9,054	70	7,811	104	9,192
Egypt.....	158	10,847	30	4,966	87	1,612	22	162	1,185	119
Denmark.....	598	10,098	100	13,275	100	14,056	119	9,065	913	6,409
Sweden.....	1,941	9,532	289	4,334	4,512	1,571	3,401	1,795	1,134	1,855
Norway.....	6	6,852	11	8,281	9	8,918	5	7,116	2	8,082
Union of South Africa.....	246	6,606	212	1,675	163	81	177	68	1,197	39
Cuba.....	0	5,705	0	4,184	0	4,702	0	4,596	—	—
Finland.....	0	5,393	0	4,264	0	3,785	0	4,008	0	3,261
Spain.....	588	5,152	76	2,200	7	30	—	—	—	—
Peru.....	0	3,397	3	3,844	1	5,184	0	4,456	0	4,549
Netherlands India.....	0	3,328	0	3,845	0	4,132	0	3,617	0	4,327
Syria and Lebanon.....	17	2,947	661	1,443	364	297	1,919	223	414	817
Latvia.....	* 27	2,001	64	826	2,415	0	138	0	0	1,275
New Zealand.....	45	1,772	202	974	0	820	2	756	1	1,595
Estonia.....	0	1,049	5	388	302	0	111	163	110	267
Indochina.....	2	1,045	1	901	0	908	1	937	0	812
Palestine.....	97	1,338	17	2,145	35	2,368	0	2,342	46	2,748
Total.....	43,351	752,201	71,892	689,692	85,365	530,557	55,592	479,982	52,323	538,808

¹ Preliminary.² From 1925-34 exports comprise domestic wheat and all flour; imports comprise all wheat (including for milling in bond and export) and all flour.³ Beginning 1934, imports for consumption.⁴ Beginning 1935, exports comprise domestic wheat, and flour made from "wholly United States wheat."⁵ Beginning 1935, imports comprise "wheat unfit for human consumption" and "wheat other" (42 cents dutiable) and all wheat flour, except flour "imported in bond for export."⁶ Included with China.⁷ 3-year average.⁸ Java and Madura only.⁹ International Yearbook of Agricultural Statistics.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 24.—*Flour, spring wheat, family patent: Average wholesale price per barrel, Minneapolis, 1928-38*¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928	7.63	6.94	6.87	6.76	6.68	6.68	7.00	7.40	7.23	7.07	6.60	6.68	6.96
1929	8.38	7.96	7.79	7.38	7.29	7.54	7.29	6.91	6.71	6.67	6.43	6.31	7.22
1930	6.01	5.92	5.94	5.42	5.24	5.34	5.37	5.22	5.07	4.94	5.17	5.08	5.36
1931	4.56	4.50	4.44	4.52	5.01	4.75	4.50	4.42	4.31	4.62	4.71	4.38	4.56
1932	4.24	4.43	4.44	4.19	4.02	4.07	4.11	4.10	4.32	4.92	5.41	5.77	4.50
1933	8.03	7.57	7.54	7.21	7.28	7.06	7.27	7.28	7.15	6.72	7.06	7.44	7.30
1934	7.59	7.93	7.89	7.59	7.47	7.37	7.32	7.31	7.20	7.41	7.47	6.93	7.46
1935	7.46	7.93	8.53	8.72	8.37	8.31	7.57	7.07	6.91	6.64	6.42	6.78	7.56
1936	7.28	7.60	7.58	7.60	7.43	7.69	7.75	7.64	7.63	7.68	7.43	7.26	7.55
1937	7.32	6.68	6.54	6.45	6.01	6.26	6.66	6.47	6.01	5.79	5.57	5.85	6.30
1938	5.50	5.18	5.15	5.05	5.08	5.21	5.25	5.12	5.03	5.11	-----	-----	-----

¹ Packed in 98-pound cotton sacks, 1928-31, and September 1934 to date; sold bulk basis, 1932 to August 1934.

Bureau of Agricultural Economics. Compiled from the Minneapolis Daily Market Record. Prices for 1909-27 appear in 1930 Yearbook, table 25.

TABLE 25.—*Bread: Average retail price per pound (baked weight) in leading cities of the United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.2	9.1
1929	9.0	9.0	9.0	8.9	8.9	8.9	8.9	8.8	8.8	8.8	8.8	8.8	8.9
1930	8.8	8.7	8.7	8.6	8.5	8.5	8.2	8.0	7.9	7.7	7.7	7.6	8.2
1931	7.5	7.4	7.3	7.3	7.3	7.2	7.1	7.0	7.0	6.9	6.9	6.9	7.2
1932	6.8	6.8	6.7	6.7	6.7	6.6	6.4	6.4	6.4	6.4	6.5	6.6	6.6
1933	7.2	7.6	7.7	8.0	8.0	7.9	7.9	7.9	7.9	8.0	8.0	8.1	7.8
1934	8.2	8.3	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.3	8.3
1935	8.3	8.3	8.3	8.3	8.5	8.6	8.5	8.4	8.3	8.2	8.2	8.1	8.3
1936	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.4	8.6	8.7	8.3
1937	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.9
1938	8.8	8.7	8.4	8.2	8.2	8.2	8.1	8.0	8.0	8.0	-----	-----	-----

¹ Beginning August 1933, price is for Tuesday nearest the 15th of month.

Bureau of Agricultural Economics. Compiled from Bureau of Labor Statistics Retail Prices, monthly. Data for earlier years are available in the 1930 Yearbook, table 26.

TABLE 26.—*Bran, spring wheat: Average price per ton, at Minneapolis, 1928-38*¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928	27.00	24.00	25.00	28.00	30.65	31.65	30.50	28.65	26.10	22.65	22.25	22.50	26.58
1929	26.00	26.80	29.40	28.10	27.90	27.50	26.60	24.45	22.90	27.40	24.40	20.75	26.02
1930	19.00	23.40	20.75	19.65	17.70	16.00	15.20	14.10	17.90	19.10	13.50	11.30	17.30
1931	10.05	10.50	9.70	9.95	14.00	12.90	12.75	11.65	13.40	13.20	9.80	9.40	11.44
1932	7.90	8.25	8.20	7.70	7.95	7.90	8.00	9.30	11.05	11.30	11.90	11.50	9.25
1933	17.50	16.60	14.25	13.30	13.50	12.75	14.50	16.50	19.00	18.40	17.40	21.50	16.27
1934	19.90	22.55	22.15	21.75	24.25	28.05	27.15	26.25	24.90	25.90	25.15	20.50	24.12
1935	17.60	16.25	15.00	15.50	15.50	16.05	15.65	15.45	15.70	17.55	14.90	17.00	16.01
1936	25.75	26.00	23.60	25.75	30.35	32.20	33.75	31.30	33.45	36.45	32.10	24.90	29.63
1937	25.25	18.45	18.15	19.00	19.60	19.30	21.90	20.50	20.45	18.25	17.85	16.10	19.57
1938	15.00	13.40	13.55	13.25	15.15	16.60	18.10	18.00	19.95	21.95	-----	-----	-----

¹ Includes mill-run screenings.

Bureau of Agricultural Economics. Compiled from reports made directly to the Bureau by its representative in the market. Prices are simple averages of 1 day's quotation each week, bagged, carlot basis.

TABLE 27.—*Middlings, standard, spring wheat: Average price per ton, at Minneapolis, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928	31.80	24.15	27.50	28.50	30.75	31.10	30.40	28.40	25.70	22.40	21.90	22.90	27.13
1929	28.40	29.50	32.75	31.75	28.80	27.90	26.50	24.20	22.40	26.75	24.60	21.75	27.11
1930	20.10	24.30	21.45	18.90	17.50	15.50	14.10	13.00	17.40	18.75	13.30	11.75	17.17
1931	10.90	10.10	10.10	10.10	14.10	12.90	12.05	10.90	12.50	13.00	10.55	8.95	11.35
1932	8.80	9.00	8.20	7.70	7.95	7.25	7.70	8.75	10.30	10.90	12.30	12.30	9.26
1933	19.25	19.10	16.00	14.50	14.65	12.80	14.70	16.20	17.90	17.30	16.85	21.95	16.77
1934	22.00	23.75	22.25	21.75	25.25	31.00	27.25	25.90	24.90	26.75	29.25	24.15	25.35
1935	19.80	18.00	17.25	16.70	15.45	16.40	15.50	15.50	15.80	17.55	17.80	22.20	17.33
1936	27.30	30.90	27.50	28.05	34.25	33.20	34.10	32.70	35.35	37.90	36.50	32.50	32.52
1937	31.75	19.65	19.75	20.50	19.50	19.60	21.70	20.45	20.05	18.00	18.55	19.75	20.77
1938	18.05	14.15	14.80	14.55	15.20	17.10	17.95	18.00	20.40	22.45	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports made directly to the Bureau by its representative in the market. Prices are simple averages of 1 day's quotation each week, bagged, carlot basis.

TABLE 28.—*Wheat millfeeds: Production, United States, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1928	374.5	440.4	440.9	489.2	415.9	385.2	419.6	379.6	384.3	361.6	392.9	376.6	4,860.7
1929	395.3	467.5	440.2	469.1	411.2	385.5	409.2	380.2	404.3	393.4	387.9	378.2	4,922.0
1930	410.4	451.3	471.1	477.0	404.2	392.2	404.3	360.2	378.7	372.7	352.1	343.8	4,818.0
1931	426.2	417.0	415.1	440.1	419.7	343.3	343.6	325.0	358.1	361.6	329.1	334.9	4,503.7
1932	357.3	390.7	402.3	407.7	370.5	353.5	346.3	306.5	378.2	397.6	378.0	370.1	4,438.7
1933	362.1	291.7	324.3	349.1	347.5	313.8	376.8	341.7	360.3	324.3	351.1	327.6	4,070.3
1934	320.8	376.6	383.4	393.9	350.3	321.6	351.8	321.2	339.8	332.9	332.2	317.2	4,141.7
1935	317.6	349.4	394.9	435.4	367.4	316.2	386.5	377.0	369.2	353.9	346.3	359.9	4,373.7
1936	422.5	404.2	385.9	399.8	355.5	367.4	363.9	335.5	371.0	373.6	340.7	348.3	4,468.3
1937	371.6	380.1	403.5	414.0	383.6	357.2	359.0	335.3	377.8	346.1	343.1	375.1	4,446.4
1938 ¹	372.0	394.1	407.9	405.5	374.2	356.7	361.8	332.2	-----	-----	-----	-----	-----

¹ Preliminary.

Bureau of Agricultural Economics. Computed from reports of Bureau of the Census.

TABLE 29.—*Wheat millfeeds: Volume of trading in futures at all contract markets, 1933-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1933	68,625	46,000	47,025	34,200	31,175	28,825	44,300	60,250	73,425	55,750	48,725	57,875	596,175
1934	33,250	69,000	56,000	45,150	77,050	54,650	60,850	42,175	44,050	36,900	27,825	31,900	578,800
1935	35,375	39,075	47,150	49,725	42,000	39,525	36,200	27,575	30,900	19,900	36,025	38,325	440,375
1936	90,300	61,350	46,075	32,300	51,375	53,925	56,425	53,175	70,375	50,475	37,675	57,200	660,650
1937	44,925	46,825	34,550	37,225	33,150	32,350	44,150	30,350	40,650	38,275	34,600	29,900	446,950
1938	44,650	50,825	45,150	43,900	39,175	45,725	39,125	30,050	33,475	35,600	-----	-----	-----

Commodity Exchange Administration. Contract markets include Kansas City Board of Trade and Merchants' Exchange of St. Louis.

TABLE 30.—Rye: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel of No. 2 rye at Minneapolis, year beginning July ²	Foreign trade, including flour, year beginning July ^{3,4}				
							Domestic exports	Imports	Net exports ⁵		
									Total	Percentage of production	
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Percent	
1866	1,509	11.7	17,619	105.8	18,645		235	246	137	0.8	
1867	1,649	11.9	19,595	131.2	25,702		565	229	395	2.0	
1868	1,620	10.6	17,218	120.2	20,697		93	201	* 61		
1869			16,919								
1869	1,631	11.0	17,906	87.3	15,626		199	412	126	.2	
1870	1,659	10.0	16,637	80.5	12,593		87	116	126	.7	
1871	1,588	10.7	16,975	76.7	13,027		833	249	717	4.8	
1872	1,563	10.7	16,776	74.4	12,477		612	214	676	4.0	
1873	1,553	10.4	16,141	75.7	12,215		1,923	164	1,977	12.2	
1874	1,568	11.0	17,305	85.6	14,805		267	299	224	1.3	
1875	1,647	10.3	16,927	75.9	12,852		589	241	639	3.8	
1876	1,770	10.9	19,266	68.0	13,099		2,235	99	2,234	11.6	
1877	1,844	11.9	21,860	60.6	13,241		4,250	430	4,159	19.0	
1878	1,905	11.4	21,765	54.5	11,853		4,878	478	4,947	22.7	
1879	1,818	10.8	19,838								
1879	1,825	10.8	19,789	67.4	13,346		2,944	533	2,965	15.0	
1880	1,752	11.0	19,306	74.5	14,384		1,955	474	1,942	10.1	
1881	1,749	11.0	19,181	91.7	17,591		1,004	954	907	4.7	
1882	2,080	12.9	26,747	63.1	16,886		2,206	974	2,222	8.3	
1883	2,123	12.0	25,407	58.4	14,839		6,248	656	6,338	24.9	
1884	2,100	12.7	26,627	53.4	14,222		2,974	239	3,020	11.3	
1885	1,897	11.4	21,714	58.0	12,592		217	174	127	.6	
1886	1,918	12.4	23,854	53.0	12,635		377	18	494	2.5	
1887	1,985	11.4	22,530	53.5	12,056		95		103	.5	
1888	2,181	13.0	28,440	59.2	16,836		309		309	1.1	
1889	2,178	13.1	28,481								
1889	2,248	13.1	29,524	42.0	12,399		2,281	198	2,241	7.6	
1890	2,116	12.5	26,378	62.3	16,435		358	141	340	1.3	
1890	2,180	13.6	29,569	77.2	22,830		12,099	84	12,005	40.6	
1892	2,239	12.8	28,718	53.7	15,416		1,494	9	1,485	5.2	
1893	2,162	12.3	26,700	49.6	13,237		249		249	.9	
1894	2,166	12.4	26,758	48.8	13,065		32	13	19	.1	
1895	2,400	12.3	29,514	40.7	12,042		1,011		1,011	3.4	
1896	2,599	12.3	31,852	36.9	11,761		8,576	1	8,574	26.9	
1897	2,323	13.4	31,129	42.6	13,267		15,562	33	15,529	49.9	
1898	2,204	13.2	29,044	44.1	12,806		10,170	1	10,169	35.0	
1899	2,054	12.6	26,001	49.5	12,882		2,382		2,382	9.2	
1900	2,127	12.9	27,413	50.1	13,724		2,346		2,345	8.6	
1901	2,409	12.8	30,773	55.0	16,933		2,712		2,712	8.8	
1902	2,444	13.9	33,862	50.0	16,941		5,445	1	5,444	16.1	
1903	2,260	12.8	28,932	53.5	15,482		784	34	751	2.6	
1904	2,205	12.9	28,461	69.2	19,703		30	21	9	.0	
1905	2,297	13.6	31,173	60.3	18,789		1,388	1	1,387	4.4	
1906	2,154	13.7	29,609	58.5	17,318		770	1	769	2.6	
1907	2,073	13.6	28,247	72.6	20,507		2,445	2	2,443	8.6	
1908	2,130	13.5	28,650	72.8	20,848		1,296	1	1,295	4.5	
1909	2,198	13.4	29,689								
1909	2,212	13.6	30,083	73.0	21,952		70	242	30	212	.7
1910	2,262	12.9	29,088	72.9	21,221		77	40	227	* 187	
1911	2,452	12.8	31,396	80.7	25,331		86	31	134	* 103	
1912	2,724	13.9	37,911	65.0	24,649		60	1,855	1	1,854	4.9
1913	3,089	13.1	40,390	61.0	24,656		58	2,273	37	2,236	5.5
1914	3,144	13.4	42,120	82.3	34,655		98	13,027	147	12,880	30.6
1915	3,417	13.7	46,752	84.0	39,266		94	15,250	566	14,684	31.4
1916	3,528	12.2	43,089	112.4	48,453		135	13,703	428	13,275	30.8
1917	5,059	11.9	60,321	173.4	104,571		193	17,186	834	16,352	27.1
1918	6,694	12.5	83,421	149.6	124,787		158	36,467	638	35,829	42.9
1919	7,679	9.9	75,928								
1919	7,168	11.0	78,659	145.9	114,801		160	41,531	1,077	40,454	51.4
1920	4,825	12.8	61,915	146.4	90,626		161	47,337	452	46,885	75.7
1921	4,851	12.6	61,023	84.0	51,274		92	29,944	700	29,244	47.9
1922	6,757	14.9	100,986	63.9	64,523		75	51,663	99	51,564	51.1
1923	4,936	11.3	55,961	59.3	33,168		65	19,902	2	19,900	35.6
1924	5,744	14.9	85,674								

See footnotes at end of table.

TABLE 30.—*Rye: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued*

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel of No. 2 rye at Minneapolis, year beginning July ²	Foreign trade, including flour, year beginning July ³			
							Domestic exports	Imports	Net exports ⁴	
									Total	Percentage of production
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1924	3,941	14.8	58,445	95.3	55,707	114	50,242	1	50,241	86.0
1925	3,800	11.1	42,316	79.0	33,419	88	12,647	—	12,646	29.9
1926	3,419	10.2	34,860	83.0	28,928	98	21,698	1	21,697	62.2
1927	3,458	14.8	51,076	83.5	42,648	104	26,346	2	26,345	51.6
1928	3,310	11.5	37,910	83.6	31,689	95	9,488	1	9,487	25.0
1929	5,033	11.3	54,303	—	—	—	—	—	—	—
1929	3,130	11.3	35,282	85.7	30,241	90	2,600	1	2,599	7.4
1930	3,621	12.4	45,068	44.5	20,039	51	227	88	139	.3
1931	3,162	10.6	33,378	34.1	11,370	42	909	1	908	2.7
1932	3,351	11.8	39,424	28.1	11,093	41	311	14	304	.8
1933	2,418	8.9	21,418	62.7	13,434	69	21	12,019	⁵ 11,998	—
1934	1,914	8.5	16,234	—	—	—	—	—	—	—
1934	2,035	8.4	17,070	71.8	12,263	81	(⁶)	11,250	⁶ 11,249	—
1935	4,141	14.2	58,597	39.5	23,171	50	9	2,266	⁶ 2,257	—
1936	2,774	9.1	25,319	80.9	20,485	97	248	3,943	⁶ 3,695	—
1937	3,846	13.0	49,830	68.5	34,157	74	6,578	(⁷)	6,578	13.2
1938 ⁸	3,979	13.8	55,039	34.3	18,881	—	—	—	—	—

¹ Prior to 1908 prices are as of Dec. 1.² Prices are from Minneapolis Daily Market Record and are averages of daily prices weighted by carlot sales.³ Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-26, January and June issues, 1927-38; and official records of the Bureau of Foreign and Domestic Commerce. Rye—General imports; 1866-1906; imports for consumption, 1910-38. Rye flour—General imports, 1866-71; imports for consumption, 1872-1938. Rye flour converted to rye on the basis that 1 barrel of rye flour is the product of 6 bushels of grain.⁴ These figures do not include rye malt.⁵ Total exports (i. e., domestic plus foreign) minus total imports; beginning 1910 domestic exports minus imports for consumption.⁶ Net imports.⁷ Less than 500 bushels.⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 31.—*Rye: Acreage seeded, by States, 1930-37*¹

State and division	Seeded in fall of—							
	1930	1931	1932	1933	1934	1935	1936	1937 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New York.....	52	47	45	71	60	54	73	69
New Jersey.....	60	69	81	96	88	84	97	105
Pennsylvania.....	168	155	159	149	138	120	115	87
North Atlantic.....	280	271	285	316	286	258	285	261
Ohio.....	162	129	155	169	213	108	130	79
Indiana.....	203	198	174	202	325	179	303	204
Illinois.....	172	130	122	170	237	154	323	200
Michigan.....	231	239	201	231	301	181	228	177
Wisconsin.....	194	318	337	244	419	327	556	467
Minnesota.....	459	413	388	606	635	481	705	622
Iowa.....	52	75	55	192	193	175	394	217
Missouri.....	116	65	60	72	274	83	176	106
North Dakota.....	1,418	1,465	917	960	1,006	1,712	1,113	1,191
South Dakota.....	503	628	692	900	588	957	960	1,156
Nebraska.....	401	389	264	330	564	583	758	675
Kansas.....	67	53	48	61	167	144	187	145
North Central.....	3,978	4,102	3,413	4,177	4,922	5,084	5,833	5,239
Delaware.....	14	12	14	18	9	8	10	13
Maryland.....	52	38	35	38	36	32	40	40
Virginia.....	182	150	120	114	108	97	116	108
West Virginia.....	42	14	22	17	17	16	16	12
North Carolina.....	175	172	186	190	175	155	159	145
South Carolina.....	24	28	24	28	28	27	29	26
Georgia.....	45	65	63	62	59	56	57	57
South Atlantic.....	534	479	464	467	432	391	427	401
Kentucky.....	150	133	113	106	94	97	146	124
Tennessee.....	180	156	130	100	93	123	146	140
Oklahoma.....	27	47	33	43	75	68	80	89
Texas.....	5	6	6	6	7	7	7	7
South Central.....	362	342	282	255	269	295	379	370
Montana.....	80	67	48	48	71	130	78	62
Idaho.....	8	10	9	12	14	20	16	17
Wyoming.....	31	30	35	41	67	57	51	52
Colorado.....	66	53	50	69	77	75	101	86
Utah.....	2	2	3	2	4	6	6	6
Washington.....	34	40	70	62	55	60	54	43
Oregon.....	72	137	120	116	97	100	133	126
California.....	10	14	13	18	18	18	8	8
Western.....	303	353	348	368	403	466	447	400
United States.....	5,457	5,547	4,792	5,583	6,312	6,494	7,371	6,671

¹ Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including an allowance for spring-sown rye.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 32.—*Rye: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State and division	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average	1937	1938 ¹	Average	1937	1938 ¹	Average	1937	1938 ¹	1937	1938 ¹
	1927-36			1927-36			1927-36				
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Ct.	Ct.
New York.....	21	29	19	15.1	17.5	17.0	323	508	323	81	54
New Jersey.....	25	22	22	17.5	17.0	17.0	441	374	374	85	62
Pennsylvania.....	113	79	61	13.6	15.0	14.5	1,531	1,185	884	79	56
North Atlantic.....	159	130	102	14.4	15.9	15.5	2,295	2,067	1,581	80.6	57.0
Ohio.....	63	40	26	13.4	14.5	13.5	878	580	351	77	46
Indiana.....	112	143	110	11.6	12.5	11.5	1,304	1,788	1,265	76	42
Illinois.....	72	126	94	11.6	14.5	13.5	841	1,827	1,269	75	40
Michigan.....	161	144	115	11.9	11.5	13.5	1,934	1,656	1,552	77	41
Wisconsin.....	218	340	330	10.8	13.5	13.0	2,358	4,590	4,290	69	40
Minnesota.....	386	564	547	14.7	19.0	18.0	5,714	10,716	9,846	66	32
Iowa.....	55	207	101	14.2	19.5	15.5	784	4,036	1,566	68	33
Missouri.....	24	55	34	8.8	10.5	10.0	212	578	340	80	46
North Dakota.....	891	672	961	9.7	10.0	13.5	9,811	6,720	12,974	59	27
South Dakota.....	274	509	636	10.9	12.0	16.0	3,388	6,108	10,176	61	29
Nebraska.....	275	390	417	9.3	10.0	11.5	2,655	3,900	4,796	69	33
Kansas.....	29	84	65	10.6	11.5	10.5	308	966	682	70	36
North Central.....	2,561	3,274	3,436	11.3	13.3	14.3	30,186	43,465	49,107	66.6	31.9
Delaware.....	6	5	7	12.6	12.5	14.0	78	62	98	90	70
Maryland.....	19	16	14	12.9	13.0	12.5	247	208	175	85	63
Virginia.....	51	42	38	11.3	12.5	11.5	588	525	437	94	74
West Virginia.....	12	9	7	11.4	12.0	12.5	137	108	88	86	64
North Carolina.....	63	62	58	7.7	7.5	7.0	481	465	406	106	85
South Carolina.....	9	10	9	8.4	8.5	9.0	77	85	81	133	115
Georgia.....	18	17	19	6.1	5.5	6.0	106	94	114	123	105
South Atlantic.....	177	161	152	9.6	9.6	9.2	1,714	1,547	1,399	99.7	79.8
Kentucky.....	18	24	18	10.6	13.0	12.5	189	312	225	89	61
Tennessee.....	23	41	39	6.7	7.5	7.0	158	308	273	100	68
Oklahoma.....	15	36	40	7.9	8.5	8.5	118	306	340	77	41
Texas.....	3	3	4	9.0	14.0	10.5	27	42	42	82	52
South Central.....	59	104	101	8.3	9.3	8.7	493	968	880	88.4	55.0
Montana.....	49	22	37	9.4	9.0	16.0	520	198	592	51	24
Idaho.....	5	6	8	11.1	10.0	12.0	55	60	96	63	33
Wyoming.....	27	24	30	6.8	7.0	6.5	193	168	195	62	30
Colorado.....	45	45	41	7.4	8.5	8.5	351	382	348	62	32
Utah.....	2	4	4	7.6	8.0	9.0	19	32	36	67	42
Washington.....	21	18	13	9.1	9.0	8.5	194	162	110	68	49
Oregon.....	27	53	50	13.1	13.5	12.5	351	716	625	67	43
California.....	* 8	5	5	* 12.4	13.0	14.0	* 104	65	70	74	57
Western.....	184	177	188	9.4	10.1	11.0	1,766	1,783	2,072	63.9	34.8
United States.....	3,140	3,846	3,979	11.3	13.0	13.8	36,454	49,830	55,039	68.5	34.3

¹ Preliminary.² Short-time average.

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TABLE 33.—*Rye: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1925-34, annual 1938-38*

Country	Acreage			Yield per acre				Production				
	Aver- age 1925-29	1936	1937	1938 *	Aver- age 1930-34	1936	1937	1938 *	Aver- age 1925-29	1936	1937	1938 *
NORTHERN HEMISPHERE												
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	734	588	584	741	16.3	10.4	6.8	14.8	12,937	8,939	5,771	10,988
United States.....	3,423	2,917	2,774	3,979	11.8	10.7	9.1	13.8	40,305	31,272	26,519	49,830
Estimated North American total.....	4,200	3,800	3,399	4,720	12.6	10.5	8.7	14.0	53,000	40,000	29,600	66,027
Europe:	21	14	15	13	27.6	32.7	28.3	33.3	580	458	425	443
Norway.....	741	555	521	497	26.5	30.2	26.1	31.0	16,786	16,786	13,838	16,230
Sweden.....	448	327	344	338	25.3	27.7	24.0	28.7	11,337	9,573	7,842	9,889
Denmark.....	489	440	554	563	32.4	33.6	33.8	36.3	15,832	15,662	18,736	19,036
Netherlands.....	508	520	385	376	38.3	38.4	38.5	36.1	21,796	20,070	14,059	13,583
Belgium.....	17	20	19	18	21.6	24.4	23.6	24.5	367	467	449	362
Luxembourg.....	1,953	1,748	1,634	1,639	18.3	18.3	17.2	17.8	35,647	32,021	28,150	29,119
France.....	1,717	1,494	1,471	1,488	13.9	14.8	12.3	11.4	23,846	22,164	18,053	19,700
Spain.....	488	392	388	348	9.0	12.1	8.9	11.4	4,401	4,760	3,466	3,978
Portugal.....	307	291	261	259	25.7	21.2	19.9	22.4	6,516	6,261	5,204	5,701
Italy.....	30	45	38	37	38.3	31.6	28.3	33.7	1,422	1,222	1,077	1,286
Switzerland.....	11,614	11,140	11,154	10,270	33.2	33.5	33.0	33.7	307,522	280,703	272,296	338,800
Germany.....	946	944	921	891	25.7	27.6	26.1	26.5	269,035	307,522	260,793	272,296
Austria.....	2,452	2,530	2,494	2,390	21.2	21.0	20.2	18.9	52,713	50,547	46,830	43,266
Czechoslovakia.....	121	173	159	176	17.8	12.8	12.7	13.8	2,108	1,654	1,579	2,448
Poland.....	14,016	14,197	14,138	14,571	17.4	17.9	17.4	15.7	243,530	254,882	250,536	221,953
Lithuania.....	1,182	1,228	1,218	1,269	17.4	18.4	17.5	19.0	20,577	22,034	21,354	23,864
Latvia.....	27	27	26	26	16.8	17.0	17.0	16.9	450	463	463	467
Estonia.....	354	365	338	365	16.8	17.7	17.9	22.6	9,537	12,385	11,290	16,592
Finland.....	553	553	575	597	21.7	24.9	21.1	28.4	11,983	13,757	12,134	16,982
Union of Soviet Socialist Republics.....	66,621	65,286	65,286	60,607	13.0	13.5	13.5	24.2	897,983	881,289	881,289	881,289
Danube Basin:	1,649	1,583	1,607	1,499	18.2	18.0	17.5	16.2	30,073	28,482	28,114	24,325
Hungary.....	518	612	628	628	6.7	14.3	12.7	13.1	7,407	8,223	8,243	8,941
Yugoslavia.....	481	562	489	521	46.5	13.2	17.2	13.9	9,085	8,138	9,367	7,402
Bulgaria.....	719	941	1,041	1,083	14.8	14.6	17.1	22.2	10,662	13,725	17,842	17,768
Rumania.....	Estimated European total, exclud- ing Union of Soviet Socialist Republics.....	42,100	41,300	41,300	40,100	41,000	41,000	41,000	876,000	905,000	813,000	903,000

Estimated Asiatic total, excluding China.....	600	800	1,100	1,000	1,000	1,000	1,000	1,000	14,000	21,000	22,000	23,000
Estimated Northern Hemisphere total, excluding Union of Soviet Socialist Republics and China.....	46,900	45,900	45,900	45,900	46,800	46,800	46,800	46,800	937,000	939,000	939,000	1,052,000
SOUTHERN HEMISPHERE												
Chile.....	8	8	28	32	33	33	33	33	118	4101	320	322
Argentina.....	587	938	674	510	700	800	800	800	6,431	9,873	7,480	3,523
Estimated Southern Hemisphere total.....	800	1,100	900	700	800	800	800	800	9,000	11,000	9,000	5,000
Estimated world total, excluding Union of Soviet Socialist Republics and China.....	47,700	47,000	46,700	46,000	47,600	47,600	47,600	47,600	946,000	970,000	903,000	1,065,000

¹ Figures refer to the year of harvest. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow, thus the crop harvested in the Northern Hemisphere countries in 1938 is combined with the Southern Hemisphere harvest which begins late in 1938 and ends early in 1939.

² Includes the Saar and is, therefore, not strictly comparable with data for previous years.

³ Average of 2 years.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 34.—*Rye: Production, world and selected countries, 1894-1938*

Year of harvest ¹	World production excluding U. S., S. R., and China	Northern Hemisphere production, excluding U. S., S. R., and China	European production, excluding U. S., S. R.	Selected countries						
				U. S., S. R. ²	Germany	Poland	France	Hungary	Czechoslovakia	United States
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1894.....	710	709	668	893	328	-----	75	38	-----	27
1895.....	663	661	618	773	304	-----	72	47	-----	30
1896.....	719	717	673	790	336	-----	70	51	-----	32
1897.....	646	644	600	654	322	-----	48	36	-----	31
1898.....	722	721	678	738	356	-----	67	46	-----	29
1899.....	705	704	664	912	342	-----	67	50	-----	26
1900.....	671	670	629	920	337	-----	59	42	-----	27
1901.....	690	688	644	755	321	-----	58	44	-----	31
1902.....	731	730	682	919	374	-----	46	53	-----	34
1903.....	764	762	720	912	390	-----	58	51	-----	29
1904.....	752	750	709	1,008	396	-----	53	46	-----	28
1905.....	778	777	732	737	378	-----	59	53	-----	31
1906.....	780	778	736	668	379	-----	51	54	-----	30
1907.....	744	742	700	815	384	-----	56	42	-----	28
1908.....	820	819	776	790	423	-----	52	48	-----	29
1909.....	867	864	821	904	447	-----	56	47	-----	30
1910.....	812	810	768	875	414	-----	44	52	-----	29
1911.....	827	824	779	769	428	-----	47	54	-----	31
1912.....	864	862	810	1,051	457	-----	49	57	-----	38
1913.....	891	888	834	1,011	481	-----	50	56	-----	40
1914.....	765	763	707	³ 870	410	-----	44	45	-----	42
1915.....	684	681	621	⁴ 910	360	-----	33	48	-----	47
1916.....	657	655	598	⁵ 771	352	-----	33	-----	-----	43
1917.....	545	542	466	614	⁶ 228	-----	25	-----	-----	66
1918.....	582	580	476	-----	260	-----	⁷ 30	-----	-----	83
1919.....	689	687	586	-----	238	103	31	-----	-----	79
1920.....	627	624	539	368	194	74	37	⁸ 20	33	40
1921.....	870	866	777	401	268	175	44	23	65	61
1922.....	877	871	731	715	206	203	38	25	62	101
1923.....	935	930	844	779	263	243	37	31	65	56
1924.....	748	744	665	741	226	148	40	22	54	58
1925.....	1,025	1,018	960	896	317	265	44	33	71	42
1926.....	824	817	763	931	252	204	30	31	56	35
1927.....	895	885	812	952	269	232	34	22	60	51
1928.....	972	962	903	760	335	241	34	33	70	38
1929.....	1,014	1,006	943	802	321	276	36	31	72	35
1930.....	1,012	1,006	924	929	302	274	28	28	70	45
1931.....	844	833	776	866	263	224	30	22	55	33
1932.....	1,005	991	932	867	329	241	34	30	86	39
1933.....	1,052	1,045	1,004	⁹ 952	344	278	35	38	82	21
1934.....	939	922	897	¹⁰ 792	269	254	33	24	60	17
1935.....	972	965	885	¹¹ 841	294	260	29	29	65	59
1936.....	903	893	843	-----	291	251	28	28	57	25
1937.....	901	895	817	-----	272	222	29	24	58	50
1938 ¹²	1,065	1,052	963	-----	339	272	32	31	66	55

¹ Figures refer to the year of harvest. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1938 is combined with the Southern Hemisphere harvest which begins late in 1938 and ends early in 1939.

² Includes all Russian territory reporting for the years shown.

³ Exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

⁴ Exclusive of Russian Poland, Lithuania, parts of Latvia and the Ukraine, and the 2 Provinces of Batum and Elizabetpol in Transcaucasia.

⁵ Beginning with this year, estimates for the present territory of the Union of Soviet Socialist Republics, exclusive of Turkestan, Transcaucasia, and the Far East, which territory in 1924 produced 8,646,000 bushels.

⁶ Beginning with this year post-war boundaries; therefore, not comparable with earlier years.

⁷ Official estimates, but figures may not be strictly comparable with those for previous years.

⁸ Preliminary.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 35.—*Rye: Production and farm disposition, United States, 1909-37*

Crop of—	Production 1,000 bushels	Used for seed		Fed to livestock ¹ 1,000 bushels	Ground at mills for home use or exchanged for flour 1,000 bushels	Sold 1,000 bushels
		Total ¹ 1,000 bushels	Home grown ² 1,000 bushels			
1909.....	30,083	4,611	2,447	5,556	583	21,497
1910.....	29,068	4,918	2,605	5,566	587	20,340
1911.....	31,396	5,353	2,886	6,375	604	21,531
1912.....	37,911	5,997	3,044	6,468	607	27,792
1913.....	40,390	6,132	3,275	7,803	652	28,660
1914.....	42,120	6,549	3,377	6,977	632	31,134
1915.....	46,752	6,813	3,627	7,170	649	35,306
1916.....	43,089	9,184	4,188	7,853	627	30,421
1917.....	60,321	11,768	5,920	8,777	683	44,941
1918.....	83,421	12,821	6,973	10,878	791	64,779
1919.....	78,659	9,064	5,668	10,967	847	61,147
1920.....	61,915	9,130	5,059	7,804	662	48,390
1921.....	61,023	12,259	6,130	8,795	616	45,482
1922.....	100,986	9,617	5,961	12,529	671	81,825
1923.....	55,961	7,519	4,614	11,921	522	38,904
1924.....	58,445	7,410	4,078	7,289	399	46,679
1925.....	42,316	7,093	3,826	4,771	363	35,356
1926.....	34,869	6,718	3,604	6,206	333	24,717
1927.....	51,076	6,873	3,563	5,894	299	41,320
1928.....	37,910	6,493	3,290	5,955	289	28,376
1929.....	35,282	7,318	3,534	7,355	311	24,082
1930.....	45,068	7,973	3,747	18,583	318	22,420
1931.....	33,378	8,130	3,616	14,476	389	14,897
1932.....	39,424	7,065	3,509	18,117	366	17,432
1933.....	21,418	8,275	3,152	7,153	339	10,774
1934.....	17,070	9,352	2,338	6,274	359	8,099
1935.....	58,597	9,498	4,804	20,523	471	32,799
1936.....	25,319	10,917	3,726	9,496	322	11,775
1937 ³	49,830	9,830	4,718	15,797	400	28,915

¹ Does not include rye used for seed in those States for which production estimates of rye for grain are not made.

² Relates to quantities used by producers on their own farms. Additional quantities of purchased rye are so utilized.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 36.—*Rye: Receipts graded by licensed inspectors, all inspection points, by months, 1928-33*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1928.....	862	2,638	5,337	5,445	2,070	1,503	947	1,143	1,082	1,027	1,395	745	24,134
1929.....	867	4,582	2,903	2,596	1,074	4,503	783	811	1,791	719	963	409	22,001
1930.....	768	4,406	4,345	1,466	712	778	561	598	858	1,037	628	493	16,650
1931.....	400	969	1,499	868	700	387	354	370	611	824	1,203	655	8,840
1932.....	360	1,268	921	782	731	511	471	303	807	1,201	3,348	1,884	12,587
1933.....	1,417	1,335	2,028	1,032	2,172	1,241	553	443	935	1,086	1,738	1,542	15,522
1934 ¹	1,976	1,161	1,378	1,522	2,380	565	866	992	1,111	1,338	2,082	1,394	16,765
1935.....	436	1,600	2,772	2,246	1,689	1,324	1,384	973	1,882	1,223	2,190	1,401	19,120
1936.....	1,600	2,368	1,866	1,805	1,768	1,395	864	531	1,045	1,090	1,781	625	16,738
1937.....	1,255	5,651	3,398	1,892	1,732	1,055	1,580	924	692	405	532	482	19,598
1938.....	1,587	6,142	2,683	1,972	975	1,002	878	603	1,277	662	.....	.....	.....

¹ Revised standards effective July 2, 1934.

Bureau of Agricultural Economics.

TABLE 37.—*Rye: Receipts graded by licensed inspectors, all inspection points, by grades, 1928-37*

Year beginning July	Grade					Total
	No. 1	No. 2	No. 3	No. 4	Sample	
	Cars	Cars	Cars	Cars	Cars	
1928.....	1,787	13,081	6,640	1,994	626	24,134
1929.....	8,985	16,611	1,642	475	288	22,001
1930.....	5,804	9,320	1,198	225	103	16,650
1931.....	2,071	5,531	927	240	71	8,840
1932.....	3,821	7,713	721	261	71	12,587
1933.....	4,559	6,669	2,570	194	1,530	15,522
1934 ¹	4,362	7,902	429	45	4,027	16,765
1935.....	2,031	8,911	6,098	1,445	635	19,120
1936.....	5,389	7,456	2,960	466	437	16,738
1937.....	3,174	10,703	4,866	560	295	19,598

¹ Revised standards effective July 2, 1934.

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TABLE 38.—*Rye: Commercial stocks, 1928-38*DOMESTIC RYE IN UNITED STATES¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1928.....	2,499	2,112	1,351	2,684	4,771	5,589	5,934	6,185	6,440	6,914	6,598	6,532
1929.....	6,632	6,614	8,561	9,771	11,453	12,033	13,997	14,536	14,379	14,285	13,701	12,572
1930.....	12,481	12,073	14,248	17,302	17,291	17,173	16,361	15,629	14,270	12,903	10,990	10,569
1931.....	10,154	9,838	9,405	10,095	10,376	10,431	10,223	10,085	10,006	10,124	9,493	9,428
1932.....	8,942	8,955	9,052	8,700	8,485	8,030	7,993	7,936	7,774	7,688	8,006	8,806
1933.....	10,501	11,273	11,998	12,968	13,457	14,153	13,735	12,936	12,032	11,621	11,002	10,505
1934.....	11,452	12,049	11,798	11,776	12,323	13,425	12,572	11,486	10,630	9,652	8,562	9,198
1935.....	8,500	6,967	6,060	8,407	9,088	9,660	8,893	8,412	7,612	7,620	7,009	6,869
1936.....	6,379	6,080	6,674	6,515	6,209	5,983	4,859	4,476	3,980	3,022	2,550	2,034
1937.....	1,406	1,187	5,354	5,873	6,228	5,657	4,724	4,593	4,044	3,413	2,627	1,763
1938.....	1,000	1,895	6,825	7,761	8,340	8,102	8,369	8,126	7,637	7,680	7,153	-----

UNITED STATES RYE IN CANADA²

1928.....	750	449	357	838	1,248	1,478	1,707	1,425	1,255	1,310	1,367	1,379
1929.....	1,182	1,255	1,540	2,804	2,883	2,900	2,726	2,720	2,714	2,692	2,871	3,821
1930.....	3,789	3,761	3,432	3,139	2,792	2,113	2,131	2,128	2,126	2,119	2,110	1,911
1931.....	1,827	1,792	1,775	1,229	821	782	754	732	675	250	213	295
1932.....	242	100	121	89	99	99	99	99	99	99	99	1
1933.....	1	1	0	0	0	0	0	0	0	0	0	0
1934.....	0	0	0	0	0	0	0	0	0	0	0	0
1935.....	0	0	0	0	0	0	0	0	0	0	0	0
1936.....	0	0	0	0	0	0	0	0	0	0	0	94
1937.....	84	149	894	1,063	826	681	681	590	590	590	590	111
1938.....	116	57	18	96	37	24	24	24	24	24	24	-----

CANADIAN RYE IN CANADA³

1928.....	2,514	1,180	603	2,444	3,448	3,595	4,834	4,760	4,571	4,423	4,019	3,907
1929.....	2,180	3,282	3,982	5,898	7,268	8,087	8,380	8,348	8,517	8,307	8,112	7,992
1930.....	7,937	7,519	8,541	10,907	12,546	12,780	13,135	13,150	13,059	13,230	13,255	12,547
1931.....	12,602	12,161	12,356	12,306	13,021	12,202	11,473	11,161	10,994	10,904	10,345	8,921
1932.....	7,066	5,193	4,753	4,948	4,753	4,359	4,442	4,475	4,579	4,587	4,626	4,855
1933.....	5,071	5,390	5,190	4,673	4,170	4,060	4,024	3,985	3,960	3,940	3,842	3,837
1934.....	3,796	3,815	3,994	4,014	4,031	3,967	3,961	3,928	3,878	3,821	3,712	3,659
1935.....	3,232	2,918	3,273	3,899	4,459	4,585	4,688	4,662	4,678	4,791	4,808	3,827
1936.....	3,264	2,807	2,865	2,509	2,300	1,799	1,606	1,578	1,546	1,570	1,708	749
1937.....	308	217	1,061	1,308	1,288	1,332	1,277	1,288	1,284	1,279	1,226	1,127
1938.....	996	895	1,762	1,935	1,959	1,912	2,027	2,100	-----	-----	-----	-----

CANADIAN RYE IN UNITED STATES⁴

1928.....	248	237	12	83	205	258	208	532	559	440	451	480
1929.....	380	394	432	320	429	431	431	431	371	370	426	270
1930.....	188	187	173	239	430	651	489	446	528	344	273	2
1931.....	2	2	2	390	388	1,405	1,746	1,703	1,389	1,631	794	526
1932.....	498	347	412	412	502	412	548	545	545	543	543	213
1933.....	213	192	283	260	374	103	86	86	85	82	77	68
1934.....	68	54	104	50	0	0	0	0	0	0	65	0
1935.....	209	29	29	0	0	0	0	0	0	0	0	226
1936.....	237	344	560	527	577	467	562	444	434	235	75	0
1937.....	0	0	0	0	0	0	0	0	0	0	0	0
1938.....	20	15	0	22	72	42	42	42	42	42	42	-----

¹ Domestic rye in store in public and private elevators in 39 markets and rye afloat in vessels or barges in harbors of lake and seaboard ports, Saturday nearest the 1st of the month.

² United States rye in store at 15 Canadian points or afloat in vessels or barges in harbors of lake and seaboard ports, Friday nearest the 1st of the month.

³ Canadian rye in Canada exclusive of farm stocks, Friday nearest the 1st of the month.

⁴ Canadian rye in store and afloat at 16 United States lake and seaboard ports, Saturday nearest the 1st of the month.

Bureau of Agricultural Economics. United States and Canadian rye in Canada from Canadian Bureau of Statistics.

TABLE 39.—*Rye: Average price per bushel received by farmers, United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928	99.2	83.6	81.8	87.1	86.3	87.2	87.9	91.5	91.4	86.0	79.1	75.7	83.6
1929	85.3	91.8	89.2	89.9	85.5	88.4	85.7	78.3	68.4	68.7	63.8	60.7	85.7
1930	43.6	53.0	53.1	47.6	41.5	41.1	37.4	34.9	34.3	52.8	33.0	31.4	44.5
1931	33.0	32.5	33.2	33.6	41.4	36.8	36.8	37.7	37.7	36.6	33.4	28.8	34.1
1932	22.0	23.3	23.6	22.3	22.1	21.1	22.7	21.9	22.8	30.1	38.9	43.5	28.1
1933	78.2	58.8	61.4	52.7	55.4	51.9	53.6	54.2	53.1	52.8	51.9	58.2	62.7
1934	61.8	73.9	79.1	75.0	71.9	74.4	73.1	69.3	66.5	66.0	62.0	53.7	71.8
1935	36.0	35.5	36.5	42.1	40.4	40.0	41.4	44.4	42.9	40.8	40.6	43.8	39.5
1936	61.1	75.1	79.5	80.4	81.5	90.0	97.9	98.9	95.8	99.9	96.0	85.3	80.9
1937	81.0	70.6	68.1	63.8	60.8	59.2	64.1	63.4	58.7	52.2	49.8	46.0	68.5
1938	41.1	32.4	32.0	32.9	32.1	32.3	34.7	33.9	32.9	33.0	36.4	-----	¹ 34.3

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 531.

TABLE 40.—*Rye No. 2: Average price per bushel of reported cash sales, Minneapolis, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Weighted average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928	111	94	94	94	98	97	101	105	100	89	85	84	95
1929	107	98	97	97	95	98	91	78	66	68	65	57	90
1930	55	60	55	49	43	44	38	37	36	35	36	37	51
1931	37	38	39	41	51	45	46	46	47	45	39	32	42
1932	32	34	34	32	31	31	33	32	35	43	52	62	41
1933	83	72	71	62	62	60	64	61	59	57	60	69	69
1934	74	89	87	76	76	80	76	69	61	61	54	46	81
1935	48	45	47	52	49	49	53	57	62	50	52	58	50
1936	75	83	87	85	92	110	113	111	109	112	109	99	97
1937	65	77	78	74	68	70	76	74	67	61	58	56	74
1938	48	41	41	41	40	43	46	45	43	43	-----	-----	-----

Bureau of Agricultural Economics. Computed by weighting selling price by a number of carlots sold, as reported in Minneapolis Daily Market Record.

Chicago prices, 1909-27 appear in 1927 Yearbook, table 46. Minneapolis prices, 1909-27, appear in 1930 Yearbook, table 43.

TABLE 41.—*Rye: Volume of trading in futures at all contract markets, by months and crop years, 1928-38*¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>	<i>Mil. bu.</i>
1928	61	50	34	35	60	45	55	59	84	60	30	33	442
1929	46	81	58	33	65	45	20	20	17	43	36	34	498
1930	19	31	25	28	77	27	12	13	31	36	20	25	342
1931	13	25	13	9	16	8	6	2	5	31	41	86	256
1932	115	49	34	53	48	31	20	11	9	48	32	46	495
1933	41	61	33	35	35	39	24	17	29	48	32	30	425
1934	28	28	35	37	21	15	12	10	11	17	15	28	238
1935	45	37	19	10	22	48	37	29	37	39	33	56	411
1936	44	37	28	18	22	10	8	5	7	12	8	9	207
1937	10	23	18	8	11	7	8	4	7	15	-----	-----	-----
1938	10	23	18	8	11	7	8	4	7	15	-----	-----	-----

¹ Grain exchanges fulfilling conditions of the Commodity Exchange Act respecting location, facilities, and rules and which have been designated "contract markets" by the Secretary of Agriculture. Trading in grain futures on exchanges in the United States is limited by the act to contract markets. Contract markets conducting trading in rye futures are shown in table 42.

Commodity Exchange Administration.

TABLE 42.—*Rye: Volume of trading in futures at contract markets, by markets and crop years, 1928-37*

Year beginning July	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Chamber of Commerce	Duluth Board of Trade	Milwaukee Grain and Stock Exchange
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1928.....	359.8	0.3	34.9	44.0	3.3
1929.....	540.4	.4	52.1	48.1	3.2
1930.....	362.8	.3	96.4	34.0	4.6
1931.....	264.6	.3	63.3	9.7	4.4
1932.....	204.6	.1	41.4	7.7	2.3
1933.....	425.0	.3	55.2	10.4	3.8
1934.....	378.9	1.1	41.0	1.1	3.0
1935.....	191.4	1.0	63.8	.6	2.0
1936.....	337.8	.4	69.9	.04	2.5
1937.....	185.8	.1	50.4	.05	.7

Commodity Exchange Administration.

TABLE 43.—*Rye: Open contracts in all futures combined, Chicago Board of Trade, semimonthly, Jan. 15, 1928-Dec. 31, 1938*

Date ^a	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
Jan. 15.....	9.8	8.5	17.8	16.1	10.1	6.3	19.8	17.4	8.5	9.6	2.7
Jan. 31.....	9.9	10.2	20.2	16.4	10.1	6.5	19.8	17.4	7.5	9.9	2.6
Feb. 15.....	10.0	9.1	20.6	16.1	10.5	6.4	19.8	18.0	7.1	10.2	2.5
Feb. 28.....	8.9	8.9	15.5	15.1	10.8	6.3	19.7	18.8	7.1	10.2	2.4
Mar. 15.....	8.1	8.7	13.7	14.6	10.9	6.3	19.7	18.8	6.7	10.5	2.4
Mar. 31.....	8.2	8.3	19.1	14.2	10.2	6.5	19.6	19.3	6.5	10.8	2.6
Apr. 15.....	8.5	8.9	21.4	13.1	9.3	8.6	18.9	19.2	6.2	10.7	2.9
Apr. 30.....	8.2	9.8	22.0	11.3	8.0	9.4	14.6	15.2	6.0	9.9	2.8
May 15.....	7.9	9.3	19.4	10.4	7.5	7.0	13.4	13.2	5.9	8.8	2.8
May 31.....	7.3	8.3	20.3	9.5	7.9	8.2	12.6	13.6	5.3	9.2	2.9
June 15.....	10.5	9.5	10.6	9.1	7.6	13.3	13.8	13.5	5.0	8.6	3.2
June 30.....	11.4	9.4	18.2	9.4	7.7	16.0	14.4	12.6	5.6	9.0	3.3
July 15.....	10.6	7.4	16.3	8.2	6.3	16.6	15.0	12.7	5.9	8.8	3.5
July 31.....	9.4	9.4	16.5	8.3	7.1	14.5	14.7	12.7	6.1	8.1	3.8
Aug. 15.....	8.9	12.7	18.9	8.9	7.7	15.1	15.4	13.3	6.8	7.8	4.5
Aug. 31.....	9.0	13.7	20.3	9.0	8.3	16.9	15.7	12.3	7.2	8.2	5.1
Sept. 15.....	10.0	14.8	19.9	8.0	7.6	17.6	14.5	10.9	6.9	7.7	4.9
Sept. 30.....	11.2	16.8	19.8	8.4	7.4	18.3	16.3	11.1	5.8	7.4	4.8
Oct. 15.....	12.4	18.4	20.1	8.6	7.2	18.0	17.5	11.6	5.7	7.4	5.3
Oct. 31.....	11.9	22.4	20.9	9.3	7.0	19.6	17.5	11.9	5.6	6.5	5.6
Nov. 15.....	12.4	24.7	21.5	12.0	8.8	19.7	17.2	11.4	5.1	5.3	5.6
Nov. 30.....	11.3	25.8	21.9	12.1	6.3	19.8	16.0	11.2	5.9	4.4	5.6
Dec. 15.....	10.5	23.2	17.8	10.1	6.0	20.2	17.5	9.7	6.2	3.6	5.3
Dec. 31.....	8.6	17.1	16.6	10.3	5.8	20.1	16.9	9.0	7.9	2.9	5.4

Commodity Exchange Administration.

The maximum open contracts in Chicago rye futures during period shown were 25,978,000 bushels, Nov. 27, 1929; the minimum open contracts were 2,314,000 bushels, March 2, 1938.

TABLE 44.—*Rye, including flour in terms of grain: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
United States.....	19,063	0	334	3,164	5	9,664	6	3,889	4,262	207
Hungary.....	6,382	3	3,781	0	825	0	1,641	0	4,381	0
Union of Soviet Socialist Republics.....	6,012	0	19,163	0	1,685	0	4,179	0	8,069	0
Poland.....	5,146	3,121	15,170	210	22,831	0	21,137	0	4,689	12
Argentina.....	4,535	0	4,588	0	9,425	0	5,298	0	3,635	0
Canada.....	3,342	108	3,489	38	686	9	4,439	8	1,851	62
Rumania.....	1,081	12	1,080	0	368	0	1,190	0	10,219	0
Bulgaria.....	484	4	890	0	79	0	465	0	247	0
Yugoslavia.....	187	9	27	1	80	0	64	0	343	0
Algeria.....	49	3	51	3	46	0	44	0	35	0
Total.....	46,281	3,260	48,573	3,416	36,030	9,673	38,463	3,897	37,731	281
PRINCIPAL IMPORTING COUNTRIES										
Germany.....	14,710	15,048	7,834	8,657	1,589	8,943	404	1,347	78	7,175
Denmark.....	428	7,590	338	10,473	305	7,367	390	8,390	437	4,882
Norway.....	36	6,990	27	5,685	13	5,551	11	4,944	7	5,291
Finland.....	10	6,691	2	2,353	0	1,158	1	2,673	1	2,874
Czechoslovakia.....	768	5,164	2,958	2,292	62	42	112	35	155	2,332
Netherlands.....	731	4,401	596	8,081	107	3,012	1,585	3,483	3,787	2,400
Austria.....	152	4,379	61	2,687	57	2,382	47	4,226	53	8,169
Latvia.....	95	3,126	371	550	3,481	0	2,863	0	16	366
Sweden.....	537	2,949	627	1,362	1,239	45	1,088	211	7	107
Estonia.....	4	1,636	185	591	858	403	592	720	28	617
France.....	31	1,546	6	1,807	6	51	1	60	0	31
Belgium.....	195	1,518	417	5,589	86	4,198	30	5,437	132	1,919
United Kingdom.....	98	696	11	493	7	242	1	240	4	-----
Italy.....	16	295	1	608	0	500	0	300	-----	-----
Switzerland.....	0	75	0	306	0	348	0	605	0	1,101
Total.....	17,811	62,404	13,434	51,534	7,810	34,242	7,125	32,561	4,704	37,264

¹ Preliminary.² Beginning 1930, imports for consumption.³ 3-year average.⁴ International Yearbook of Agricultural Statistics.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 45.—Corn: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage harvested	Production		Season average price per bushel received by farmers ¹	Farm value	Price per bushel at Chicago, year beginning November ²	Foreign trade, including meal year beginning October ³				
		Average yield per acre	In grain equivalent on entire acreage				Harvested as grain	Domestic exports	Imports	Net exports ⁴	
										Total	Percentage of production
	1,000 acres	Bu.	1,000 bu.	1,000 bu.	Cents	1,000 dol.	Cents	1,000 bu.	1,000 bu.	1,000 bu.	Percent
1866	30,737	24.3	730,814		65.7	480,483	89				
1867	32,116	24.7	793,905		78.1	619,789	67	12,119	47	12,073	1.5
1868	35,116	26.2	919,590		61.7	567,275	67	6,361	92	6,271	.7
1869			760,945								
1869	35,833	21.8	782,084		72.5	566,719	75	2,384	89	2,295	.3
1870	38,388	29.3	1,124,775		52.1	585,502	51	18,188	106	18,082	1.6
1871	42,002	27.2	1,141,715		46.4	529,490	40	43,514	48	43,466	3.8
1872	43,584	29.4	1,279,369		38.3	489,621	35	34,472	63	34,409	2.7
1873	44,084	22.9	1,008,326		48.3	487,300	60	35,741	75	35,666	3.5
1874	47,640	22.2	1,058,778		64.1	678,331	68	28,470	42	28,428	2.7
1875	47,640	22.2	1,058,778		64.1	678,331	68	28,470	42	28,428	2.7
1876	52,446	27.7	1,450,276		41.9	607,119	46	62,477	46	62,431	4.3
1877	55,277	26.7	1,478,173		36.1	533,404	45	70,814	29	70,785	4.8
1878	58,799	25.8	1,515,862		35.7	541,396	40	90,613	11	90,602	6.0
1879	59,659	26.2	1,564,537		31.3	489,567	34	84,906	41	84,957	5.4
1880	62,369	28.1	1,754,592								
1879	62,220	28.2	1,751,984		36.4	637,103	38	112,761	57	112,704	6.4
1880	62,545	27.3	1,706,673		39.0	666,022	46	83,624	79	83,545	4.9
1881	63,026	19.8	1,244,803		62.8	781,522	67	23,849	68	23,781	1.6
1882	66,157	26.5	1,755,272		48.1	844,496	55	55,940	19	55,921	3.2
1883	68,168	24.2	1,652,148		41.8	690,521	54	36,434	4	36,430	2.2
1884	68,834	28.3	1,947,838		34.9	679,559	43	58,226	23	61,477	3.7
1885	71,854	28.6	2,057,807		32.2	662,485	38	61,600	27	38,925	2.2
1886	73,911	24.1	1,782,767		35.7	636,182	38	38,952	33	29,136	1.8
1887	73,296	21.9	1,604,549		43.4	696,633	48	29,169	33	29,136	1.8
1888	77,474	29.1	2,250,632		33.1	744,044	35	78,172	2	78,170	3.5
1889	78,088	29.4	2,128,328								
1889	77,656	29.5	2,294,289		27.5	629,881	36	100,271	2	100,269	4.4
1890	74,785	22.1	1,650,446		49.6	819,321	58	26,004	16	25,988	1.6
1891	78,855	29.6	2,335,804		39.8	930,451	47	77,785	1	77,784	3.5
1892	76,914	24.7	1,897,412		39.3	745,902	41	55,628	2	55,625	2.9
1893	79,832	23.8	1,900,401		36.1	686,225	41	51,862	3	51,859	2.7
1894	80,060	20.2	1,615,016		45.1	728,922	44	40,668	17	40,651	2.8
1895	90,479	28.0	2,534,762		25.2	638,059	26	117,754	6	117,748	4.6
1896	89,074	30.0	2,671,048		21.4	572,154	25	192,809	5	192,804	7.2
1897	89,965	25.4	2,287,628		26.0	593,905	30	202,708	3	202,705	8.9
1898	87,784	26.8	2,351,323		28.5	670,820	34	199,658	3	199,655	8.5
1899	94,914	28.1	2,668,324								
1899	94,591	28.0	2,645,796		29.8	789,111	36	196,640	3	196,637	7.4
1900	94,852	28.1	2,661,978		35.0	932,538	43	153,023	8	153,015	5.7
1901	94,422	18.2	1,715,752		60.0	1,029,317	62	15,933	23	15,910	0.9
1902	97,177	28.5	2,773,954		40.1	1,112,550	47	88,191	37	88,154	3.2
1903	95,555	26.9	2,515,063		41.9	1,053,083	49	53,983	19	53,964	2.1
1904	95,228	28.2	2,686,624		43.6	1,172,419	48	96,656	14	96,641	3.6
1905	95,746	30.9	2,954,148		40.6	1,200,759	44	115,192	10	115,182	3.9
1906	95,624	31.7	3,032,910		39.1	1,187,339	50	92,184	21	92,163	3.0
1907	96,094	27.2	2,613,797		50.5	1,319,544	68	40,463	40	40,423	1.5
1908	95,285	26.9	2,566,742		65.0	1,668,955	65	38,930	(⁵)		
1909	98,588	25.9	2,555,190								
1910	100,200	26.1	2,611,157		61.6	1,609,544	59	43,782	(⁵)		
1911	102,267	27.9	2,852,794		51.6	1,471,171	53	64,977	(⁵)		
1912	101,393	24.4	2,474,635		68.0	1,882,847	71	36,498	666	35,832	1.4
1913	101,451	29.1	2,947,842		55.3	1,628,801	53	56,868	809	50,059	1.7
1914	100,206	22.7	2,272,540		70.4	1,599,457	70	10,602	17,191	6,589	
1915	97,796	25.8	2,523,750		70.8	1,787,351	70	52,515	7,690	44,825	1.8
1916	100,623	28.1	2,829,044		68.0	1,924,867	79	51,793	3,340	48,453	1.7
1917	100,561	24.1	2,425,206		116.6	2,828,246	111	59,553	1,157	58,396	2.4
1918	102,195	26.2	2,608,242		145.9	4,243,716	163	48,536	3,046	45,490	1.6
1919	87,778	26.7	2,345,839		152.2	3,714,970	162	17,689	8,198	9,491	.4
1919	98,145	27.3	2,678,541		151.3	4,053,073	159	17,197	10,043	7,154	.3
1920	101,350	30.3	3,070,604		61.8	1,899,136	62	115,373	1,059	114,314	3.7
1921	103,155	28.4	2,928,442		52.3	1,532,788	55	167,806	104	167,702	5.7
1922	100,345	27.0	2,707,306		74.5	2,016,891	73	63,695	154	63,541	2.3
1923	101,157	28.4	2,875,292		82.5	2,372,222	88	21,811	2,295	19,516	.7
1924	82,389	28.2	2,323,880								
1924	100,420	22.1	2,223,123		106.1	2,358,497	106	10,486	2,892	7,594	.3
1925	101,331	27.6	2,798,367		69.9	1,957,239	75	25,424	357	25,067	.9

See footnotes at end of table.

TABLE 45.—*Corn: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued*

Year	Acre- age har- vested	Average yield per acre	Production		Season average price per bushel re- ceived by farm- ers ¹	Farm value	Price per bushel at Chi- cago, year begin- ning Novem- ber ²	Foreign trade, including meal, year beginning October ³			
			In grain equiv- alent on en- tire acreage	Har- vested as grain				Domestic ex- ports	Im- ports	Net exports ⁴	
										Total	Per- centage of pro- duction
	1,000 acres	Bu.	1,000 bu.	1,000 bu.	Cents	1,000 dol.	Cents	1,000 bu.	1,000 bu.	1,000 bu.	Percent
1926	99,452	25.6	2,546,972	2,140,207	74.5	1,896,252	87	18,009	3,750	14,341	0.6
1927	98,357	26.6	2,616,120	2,218,189	85.0	2,222,649	101	20,223	2,940	17,619	.7
1928	100,336	26.6	2,665,516	2,260,940	84.0	2,239,974	92	41,734	342	41,399	1.6
1929 ⁵	83,169	25.6	2,150,752	1,850,752	79.9	2,013,509	83	8,963	846	8,119	.3
1929	97,805	25.8	2,521,032	2,135,038	79.9	2,013,509	83	8,963	846	8,119	.3
1930	101,465	20.5	2,080,421	1,757,238	59.6	1,239,861	60	3,119	1,386	1,733	.1
1931	106,912	24.1	2,575,611	2,230,125	32.0	824,543	36	4,436	377	4,058	.2
1932	110,577	26.5	2,931,281	2,576,407	31.9	936,093	35	8,886	173	8,713	.3
1933	105,963	22.6	2,399,632	2,103,306	52.2	1,253,251	52	4,812	883	3,929	.2
1934 ⁶	62,247	18.8	1,169,438	1,169,438	81.5	1,190,612	86	1,143	36,955	35,812	-----
1934	92,354	15.8	1,461,123	1,146,684	81.5	1,190,612	86	1,143	36,955	35,812	-----
1935	95,804	24.0	2,303,747	2,015,007	65.5	1,509,147	75	867	21,096	20,229	-----
1936	93,020	16.2	1,507,089	1,253,766	104.5	1,573,865	118	432	103,670	103,238	-----
1937	93,741	28.3	2,651,284	2,350,299	52.0	1,379,616	56	140,202	1,819	138,383	5.9
1938 ⁷	91,792	27.7	2,542,238	2,277,259	50.3	1,279,711	-----	-----	-----	-----	-----

¹ Prior to 1908 prices are as of Dec. 1.² Prices 1866-98 are averages of the weekly quotations for No. 2 or better in annual reports of Chicago Board of Trade; subsequent prices are compiled from the Chicago Daily Trade Bulletin, average of daily prices weighted by carlot sales, No. 3 yellow.³ Compiled from Monthly Summary of Foreign Commerce of the United States, 1866-1937, and official records of the Bureau of Foreign and Domestic Commerce. Corn—General imports 1866-1908 and 1911-32; imports for consumption beginning 1933 to date. Exports, domestic, 1866 to date; reexports 1866-69 and 1926-30. Corn meal—imports and reexports not separately reported 1866-1932, imports reported beginning 1933; domestic exports 1866-1938. Corn meal converted to terms of grain on the basis of 4 bushels of corn to a barrel of meal.⁴ Total exports (domestic plus foreign) minus total imports. Beginning 1933 net exports are domestic exports minus imports for consumption.⁵ Not available on crop-year basis.⁶ Net imports—i. e., total imports minus total exports (domestic plus foreign). Beginning 1933 net imports are imports for consumption minus domestic exports.⁷ Corn harvested for grain; total acreage of corn in 1924 is 93,401,627 acres; 1929, 97,740,740 acres; and 1934, 87,476,444 acres.⁸ The season average price for the 1937 crop includes unredeemed loan corn at average loan value; probability of redemption of current Government loans considered in determination of average price for the 1938 crop.⁹ Preliminary.Bureau of Agricultural Economics. *Italic figures are census returns.*

TABLE 46.—Corn: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938

State and division	Acreage harvested			Yield per acre			Production			Price for crop of 1—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents
Maine.....	13	10	11	38.7	37.0	40.0	503	370	440	75	72
New Hampshire.....	14	15	16	41.0	42.0	41.0	594	630	656	77	71
Vermont.....	70	74	78	39.8	40.0	40.0	2,761	2,960	3,120	82	72
Massachusetts.....	40	40	39	41.2	41.0	38.0	1,627	1,640	1,482	86	71
Rhode Island.....	9	10	10	39.3	40.0	40.0	338	400	400	80	71
Connecticut.....	52	51	49	38.4	39.0	37.0	1,985	1,989	1,764	84	68
New York.....	620	672	685	33.6	35.5	37.0	20,808	23,856	25,345	71	65
New Jersey.....	185	208	197	38.2	41.0	38.0	7,049	8,528	7,486	67	62
Pennsylvania.....	1,288	1,368	1,368	38.2	46.0	43.5	49,431	62,928	59,508	64	61
North Atlantic.....	2,280	2,448	2,453	37.1	42.2	40.8	85,065	103,301	100,201	67.3	62.9
Ohio.....	3,567	3,796	3,568	35.6	43.0	44.0	127,177	163,228	156,992	51	53
Indiana.....	4,441	4,752	4,229	32.2	45.0	41.0	143,334	213,840	173,389	45	47
Illinois.....	8,926	9,367	8,430	32.2	48.0	45.0	289,731	449,616	379,350	47	49
Michigan.....	1,434	1,590	1,590	28.2	35.0	36.5	40,852	55,650	58,035	55	52
Wisconsin.....	2,195	2,424	2,351	31.4	31.5	38.5	68,845	76,356	90,514	55	52
Minnesota.....	4,602	4,788	4,501	28.6	36.0	35.0	131,370	172,368	157,535	44	44
Iowa.....	10,938	11,082	10,306	34.5	45.0	45.5	381,704	498,690	468,923	45	47
Missouri.....	5,680	4,360	4,280	20.0	27.0	25.0	117,242	117,720	106,500	51	47
North Dakota.....	1,171	908	981	14.3	19.0	12.0	16,593	17,262	16,186	47	43
South Dakota.....	4,257	3,130	2,974	14.0	14.0	16.5	64,920	43,820	35,088	45	43
Nebraska.....	9,104	7,904	7,430	18.9	10.5	14.5	180,280	82,992	107,735	51	44
Kansas.....	5,649	2,456	2,260	14.7	12.0	20.0	94,639	29,472	45,200	56	47
North Central.....	62,194	56,557	52,880	26.3	34.0	34.0	1,656,687	1,921,004	1,796,047	47.5	47.8
Delaware.....	140	143	143	27.3	29.0	29.0	3,838	4,147	4,147	57	52
Maryland.....	506	516	501	30.6	37.0	37.0	15,477	18,576	18,537	61	55
Virginia.....	1,483	1,480	1,391	21.7	25.5	25.0	32,199	37,740	34,775	68	61
West Virginia.....	490	518	477	24.6	27.5	26.5	12,104	14,245	12,640	75	68
North Carolina.....	2,267	2,326	2,442	18.0	19.5	19.0	40,787	45,357	46,398	65	63
South Carolina.....	1,599	1,663	1,846	13.3	15.0	14.5	21,161	24,945	26,767	65	60
Georgia.....	3,927	4,203	4,623	9.8	11.5	11.5	38,453	48,334	53,164	64	56
Florida.....	709	789	805	9.4	10.0	10.5	6,587	7,890	8,452	76	58
South Atlantic.....	11,121	11,638	12,228	15.4	17.3	16.8	170,607	201,234	204,880	66.6	59.6
Kentucky.....	2,906	2,906	2,761	21.3	26.0	27.0	61,768	75,556	74,547	58	53
Tennessee.....	2,899	2,772	2,689	20.7	24.0	25.5	60,058	66,528	68,570	60	56
Alabama.....	3,074	3,227	3,550	12.6	14.5	14.0	38,654	46,792	49,700	67	59
Mississippi.....	2,413	2,595	3,034	14.5	17.5	16.0	34,920	45,378	48,544	64	62
Arkansas.....	2,072	2,032	2,195	14.4	20.0	16.5	29,649	40,640	36,218	60	55
Louisiana.....	1,379	1,422	1,620	14.2	17.5	16.5	19,457	24,885	26,730	66	56
Oklahoma.....	2,756	1,720	1,754	15.8	18.0	20.0	40,123	30,960	35,080	55	47
Texas.....	4,904	4,503	4,728	16.0	16.0	16.0	78,002	72,048	75,648	65	44
South Central.....	22,402	21,175	22,331	16.2	19.0	18.6	362,640	402,787	415,037	61.8	53.5
Montana.....	135	130	156	9.8	9.0	15.0	1,362	1,251	2,340	65	52
Idaho.....	37	36	32	34.3	37.0	37.0	1,256	1,332	1,184	68	48
Wyoming.....	187	201	240	11.3	9.5	12.0	2,112	2,400	2,880	60	48
Colorado.....	1,461	1,067	1,078	11.4	8.0	10.5	17,139	8,536	11,319	63	47
New Mexico.....	210	203	193	13.7	13.5	13.5	2,909	2,740	2,606	75	66
Arizona.....	32	33	33	16.4	15.0	15.0	531	495	495	86	85
Utah.....	18	22	20	24.6	27.0	25.0	431	594	500	80	65
Nevada.....	2	2	2	25.6	30.0	31.0	48	60	62	88	83
Washington.....	34	32	29	34.6	37.0	35.0	1,161	1,184	1,015	67	58
Oregon.....	62	66	55	30.2	33.0	29.0	1,872	2,178	1,955	65	63
California.....	76	62	62	31.8	34.0	33.5	2,405	2,108	2,077	75	71
Western.....	2,253	1,923	1,900	13.7	11.9	13.7	31,128	22,958	26,073	67.0	54.0
United States.....	100,259	93,741	91,792	22.9	28.3	27.7	2,306,157	2,651,284	2,542,238	52.0	50.3

¹ The season average prices for the 1937 crop include unredeemed loan corn at average loan value; probability of redemption of current Government loans considered in determination of average prices for the 1938 crop.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 47.—*Corn: Production, world and selected countries, 1900-1938*

Year of harvest ¹	Estimated world total	Estimated European total	Selected countries						
			United States	Danube Basin countries	Argentina	Brazil	Soviet Union ²	Italy	Union of South Africa
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1900.....	4,028	479	2,662	99	84	68	34	88	2
1901.....	3,162	566	1,716	282	149	49	100	71	2
1902.....	4,134	440	2,774	113	141	26	90	71	2
1903.....	4,017	510	2,515	282	175	51	89	71	1
1904.....	3,932	305	2,687	211	195	34	97	93	3
1905.....	4,387	437	2,954	370	72	92	93	88	12
1906.....	4,565	626	3,033	263	136	64	96	102	18
1907.....	4,176	504	2,614	309	175	102	104	31	31
1908.....	4,149	547	2,667	375	28	95	95	33	33
1909.....	4,247	554	2,611	329	296	94	101	34	34
1910.....	4,408	666	2,853	283	197	84	111	36	36
1911.....	4,183	597	2,475	265	204	90	105	40	40
1912.....	4,615	641	2,948	161	122	72	82	43	43
1913.....	4,182	660	2,273	171	95	62	83	45	45
1914.....	4,381	649	2,524	224	87	77	77	41	41
1915.....	4,507	591	2,829	259	197	86	86	44	44
1916.....	3,947	451	2,425	230	186	46	89	48	48
1917.....	4,341	421	2,908	233	176	46	92	48	48
1918.....	3,827	359	2,441	275	176	202	118	77	77
1919.....	4,405	504	2,679	309	277	180	125	89	89
1920.....	4,853	565	3,071	404	186	162	92	106	87
1921.....	4,467	439	2,928	427	322	162	177	110	39
1922.....	4,412	543	2,707	468	321	164	136	118	65
1923.....	4,722	594	2,875	311	312	185	123	87	69
1924.....	4,155	681	2,223	250	252	207	130	65	67
1925.....	4,954	807	2,798	281	198	119	99	80	80
1926.....	4,738	793	2,547	400	420	187	105	118	57
1927.....	4,636	612	2,616	460	227	187	77	68	68
1928.....	4,604	519	2,666	555	268	221	135	119	30
1929.....	4,745	830	2,521	429	257	208	189	102	86
1930.....	4,321	719	2,080	452	234	151	126	66	66
1931.....	4,881	821	2,576	396	226	110	98	53	53
1932.....	5,237	903	2,931	561	360	261	120	100	100
1933.....	4,601	806	2,400	540	174	-----	134	69	69
1934.....	3,925	883	1,461	510	213	-----	116	106	106
1935.....	4,604	729	2,304	-----	-----	-----	-----	-----	-----
1936.....	4,064	922	1,507	-----	-----	-----	-----	-----	-----
1937.....	4,928	919	2,651	-----	-----	-----	-----	-----	-----
1938 ³	4,869	863	2,542	-----	-----	-----	-----	-----	-----

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus for 1937 the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest which takes place early in 1938.

² Through 1913 estimates are for the total Russian Empire.

³ Total Russian Empire, exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

⁴ Exclusive of Russian Poland, Lithuania, parts of present Latvia and the Ukraine, and the Provinces of Batum and Elizabetpol in Transcaucasia.

⁵ Beginning this year, estimates within present boundaries of the Soviet Union, exclusive of Turkestan, Transcaucasia, and the Far East, which territory in 1924 produced 26,048,000 bushels.

⁶ Beginning this year, production in present boundaries, and therefore not comparable with that of earlier years.

⁷ Preliminary.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 48.—Corn: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1925-34, annual, 1938-38¹

Country	Acreage			Yield per acre				Production			
	Average acre age 1925-29	1936	1937	1938 ¹	Average acre age 1925-29	1936	1937	1938 ¹	Average 1925-29	1936	1937
NORTHERN HEMISPHERE											
North America:											
Canada.....	1,057	1,000	1,000	1,000	Bushels	Bushels	Bushels	Bushels	1,000	1,000	1,000
United States.....	99,456	103,454	93,741	91,792	38.0	40.1	32.6	42.7	2,629,601	2,289,614	2,051,284
Mexico.....	7,328	7,840	7,413	7,413	26.4	22.1	16.2	28.3	1,507,089	62,878	66,925
Guatemala.....	314	354			18.6	15.4	8.9	8.7	77,149	6,388	
Estimated North American total.....	108,800	113,400	103,400	101,200					2,746,000	2,403,000	2,602,000
Europe:											
France.....	839	840	854	848	20.5	23.9	23.7	29.6	17,182	20,062	20,256
Spain.....	1,057	1,000	1,000	1,000	22.3	26.8	24.8		23,553	27,906	26,071
Portugal.....	3,727	3,894	3,681	3,724	11.4	11.4	11.4		95,931	108,179	120,115
Austria.....	146	156	158	159	30.5	33.9	42.6	31.0	4,447	5,285	7,133
Czechoslovakia.....	351	342	404	456	28.1	27.3	30.6	44.9	9,867	9,334	13,510
Greece.....	503	612	639	690	12.8	13.2	17.7	18.4	6,423	8,096	11,297
Albania.....	150	185	219	227	16.6	20.4	22.4	23.8	2,489	3,781	4,906
Poland.....	218	233	218	218	15.9	14.4	18.9	22.8	3,464	3,349	4,131
Union of Soviet Socialist Re- publics.....	8,387	9,418	4,799	4,694	16.3	16.3			136,783	153,394	
Danish Basin.....	2,662	2,765	2,810	2,905	26.4	26.4	36.3	35.0	70,617	72,943	101,599
Yugoslavia.....	5,180	6,178	6,649	6,802	23.2	25.7	30.5	27.5	120,277	158,993	187,292
Bulgaria.....	1,671	1,740	1,653	1,731	15.7	19.4	20.8	12.1	26,274	33,786	20,855
Rumania.....	10,606	11,757	12,999	12,355	16.8	17.4	17.0	16.2	178,581	204,530	187,071
Estimated European total.....	36,400	40,000	39,400	38,200					712,000	826,000	919,000
Africa:											
Northern Africa.....	190	152	91	114	23.6	24.8	33.2		4,491	3,763	3,912
Morocco.....	561	848	1,124	1,141	10.2	7.4	5.7	6.7	5,746	11,864	6,360
Egypt.....	2,102	1,881	1,578	1,619	36.9	36.6	39.8	39.8	77,536	68,824	63,004
Estimated African total.....	4,400	4,900	5,200	5,200					109,000	104,000	102,000

Asia:	812	958	1,041	1,117	19.5	19.8	25.0	19.1	18,977	26,969	21,301	28,130
Turkey	8,016	8,681	6,211	5,954	9.7	14.7	14.7	---	77,912	88,698	91,120	---
India	309	628	1,236	1,206	20.6	20.5	19.1	---	8,222	18,800	23,621	---
Philippine Islands	1,311	1,377	1,693	---	13.0	10.8	8.6	---	17,008	14,919	11,846	---
Mandchuria	2,655	2,598	3,199	4,125	26.8	25.1	25.8	25.6	71,271	97,596	83,100	88,160
Japan	125	115	125	---	24.5	22.8	24.6	---	10,597	8,546	5,140	---
China	251	273	316	336	341	11.9	21.5	13.9	2,993	3,224	4,409	3,763
Kwantung	203	213	213	---	18.1	22.0	21.5	---	5,676	5,342	5,200	---
China	---	11,070	11,500	---	---	21.9	21.0	---	9,912,807	241,329	---	---
Estimated Asiatic total	24,900	26,000	25,700	25,400	28,100	---	---	---	453,000	460,000	494,000	510,000
Estimated Northern Hemisphere total	174,500	184,300	172,700	172,400	170,500	---	---	---	4,020,000	3,793,000	3,117,000	4,144,000
SOUTHERN HEMISPHERE	---	---	---	---	---	---	---	---	---	---	---	---
Brazil	6,465	9,542	10,127	121	27.8	22.6	25.8	---	183,362	215,365	260,832	---
Chile	88	120	123	106	24.9	23.8	22.0	18.3	2,104	2,702	2,211	2,456
Uruguay	475	522	531	538	9.5	11.0	9.2	8.5	3,173	3,573	3,350	---
Argentina	9,429	11,929	7,808	8,648	31.5	31.0	30.1	23.8	61,471	63,152	174,103	212,580
Union of South Africa	5,148	5,805	6,051	---	19.9	20.7	26.3	---	63,886	100,457	68,671	105,821
Southern Rhodesia	4,500	4,962	5,107	---	16.0	15.3	15.9	---	5,761	5,338	7,429	---
Java and Madura	319	275	318	---	25.4	25.7	22.8	15.7	72,730	76,078	80,192	---
Australia	---	---	---	---	---	---	---	---	8,413	7,150	7,246	---
Estimated Southern Hemisphere total	31,100	37,100	39,600	34,300	35,400	---	---	---	715,000	800,000	917,000	725,000
Estimated world total	205,600	221,400	212,300	207,100	206,100	---	---	---	4,735,000	4,593,000	4,064,000	4,869,000

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus for 1937 the crop harvested in the Northern Hemisphere in 1937 is combined with the Southern Hemisphere harvest which takes place early in 1938.

- Preliminary.
- 1 year only.

[illegible]

- Plan.
- 4-year average.
- European cultivation only.

Bureau of Agricultural Economics
Institute of Agriculture.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 49.—*Corn: Production and farm disposition, United States, 1909-37*

Crop of—	Production for all purposes	For farm household use	Sold	Feed and seed ¹	Crop of—	Production for all purposes	For farm household use	Sold	Feed and seed ¹
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1909	2,611,157	32,676	541,902	2,036,579	1924	2,223,123	30,977	419,479	1,772,667
1910	2,852,794	33,605	566,101	2,253,088	1925	2,798,367	31,098	588,653	2,178,616
1911	2,474,635	33,216	454,723	1,986,696	1926	2,546,972	30,895	467,602	2,048,475
1912	2,947,842	33,198	556,151	2,358,493	1927	2,616,120	31,455	506,173	2,078,462
1913	2,272,540	32,982	360,455	1,879,103	1928	2,665,516	31,444	555,555	2,088,479
1914	2,523,750	32,452	456,042	2,035,256	1929	2,521,032	30,784	459,318	2,030,530
1915	2,829,044	34,997	511,451	2,282,596	1930	2,080,421	31,330	326,691	1,722,400
1916	2,425,206	34,368	418,116	1,972,722	1931	2,575,611	33,630	437,102	2,104,879
1917	2,908,242	37,445	616,453	2,254,344	1932	2,931,281	34,181	553,011	2,344,089
1918	2,441,249	36,452	382,710	2,022,087	1933	2,399,632	33,768	403,314	1,962,550
1919	2,678,541	35,531	474,622	2,168,388	1934	1,461,123	33,416	136,671	1,291,036
1920	3,070,604	34,090	707,766	2,328,748	1935	2,303,747	33,999	375,521	1,894,227
1921	2,928,442	36,741	602,375	2,289,326	1936	1,507,089	32,394	212,681	1,262,014
1922	2,707,396	34,210	490,492	2,173,604	1937 ¹	2,651,284	32,016	562,963	2,056,305
1923	2,875,292	32,204	588,811	2,254,277					

¹ Relates to quantities used by producers on their own farms. Additional quantities of purchased corn are so utilized.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 50.—*Corn: Utilization for grain, silage, hogging down, grazing, and forage, by States, 1937 and 1938 ¹*

State and division	1937					1938 ¹					
	For grain		For silage		Hogging down, grazing, and forage acreage	For grain		For silage		Hogging down, grazing, and forage acreage	
	Acreage harvested	Production	Acreage harvested	Production		Acreage harvested	Production	Acreage harvested	Production		
	1,000 acres	1,000 bu.	1,000 acres	1,000 short tons	1,000 acres	1,000 acres	1,000 bu.	1,000 acres	1,000 short tons	1,000 acres	
Maine	2	74	6	66	2	3	120	6	63	2	
New Hampshire	3	126	10	110	2	4	164	10	110	2	
Vermont	8	320	59	620	7	10	400	61	640	7	
Massachusetts	9	369	25	288	6	8	304	25	250	6	
Rhode Island	2	80	7	66	1	2	78	7	63	1	
Connecticut	12	468	34	374	5	11	396	34	357	4	
New York	163	5,786	404	3,838	105	181	6,878	404	4,040	100	
New Jersey	165	6,600	35	315	8	154	5,852	35	315	8	
Pennsylvania	1,080	49,680	240	2,400	48	1,068	46,458	250	2,375	50	
North Atlantic	1,444	63,503	820	8,077	184	1,441	60,650	832	8,213	180	
Ohio	3,531	151,833	125	1,062	140	3,350	147,400	107	1,016	111	
Indiana	4,459	200,655	128	1,008	167	3,975	162,975	127	1,016	127	
Illinois	8,861	425,328	253	1,898	253	8,067	363,015	194	1,649	169	
Michigan	1,161	41,796	230	1,794	199	1,170	43,875	225	1,912	195	
Wisconsin	970	32,010	1,260	8,316	194	1,081	42,159	1,105	8,840	165	
Minnesota	3,495	131,062	827	4,216	766	3,376	123,224	450	3,825	675	
Iowa	10,240	460,800	343	2,950	499	9,636	438,438	247	2,470	423	
Missouri	4,142	113,905	44	264	174	4,047	103,198	43	258	170	
North Dakota	163	3,423	109	871	636	167	3,173	108	346	706	
South Dakota	2,101	35,960	128	800	814	2,231	30,118	89	400	654	
Nebraska	6,165	70,898	632	1,770	1,107	6,761	101,415	186	744	483	
Kansas	1,719	21,488	246	836	491	1,944	38,880	147	588	169	
North Central	47,097	1,687,158	4,020	24,985	5,440	45,808	1,597,870	3,028	23,064	4,047	

¹ Preliminary.

TABLE 50.—*Corn: Utilization for grain, silage, hogging down, grazing, and forage, by States, 1937 and 1938—Continued*

State and division	1937					1938 ¹				
	For grain		For silage		Hogging down, grazing, and forage acreage	For grain		For silage		Hogging down, grazing, and forage acreage
	Acreage harvested	Production	Acreage harvested	Production		Acreage harvested	Production	Acreage harvested	Production	
	1,000 acres	1,000 bu.	1,000 acres	1,000 short tons		1,000 acres	1,000 bu.	1,000 acres	1,000 short tons	
Delaware.....	139	4,031	3	30	1	139	4,031	3	27	1
Maryland.....	488	17,568	20	200	8	474	17,538	19	190	8
Virginia.....	1,384	35,292	52	572	44	1,293	31,032	49	514	49
West Virginia.....	483	13,282	23	207	12	446	11,819	21	189	10
North Carolina.....	2,256	43,992	12	78	58	2,361	44,859	16	104	65
South Carolina.....	1,631	24,465	2	8	30	1,813	26,288	3	10	30
Georgia.....	4,150	47,725	3	14	50	4,540	52,210	4	18	79
Florida.....	754	7,540	2	8	33	769	8,459	2	8	34
South Atlantic.....	11,285	193,895	117	1,117	236	11,835	196,236	117	1,060	276
Kentucky.....	2,836	73,756	18	144	52	2,705	73,035	17	144	39
Tennessee.....	2,714	65,136	11	72	47	2,628	67,014	11	77	50
Alabama.....	3,158	45,791	4	10	65	3,493	48,902	2	5	55
Mississippi.....	2,558	44,765	3	17	32	2,988	47,808	3	16	43
Arkansas.....	1,959	39,180	2	12	71	2,108	34,782	3	15	84
Louisiana.....	1,392	24,360	2	7	28	1,587	26,186	2	7	31
Oklahoma.....	1,624	29,632	10	35	86	1,692	33,840	9	36	53
Texas.....	4,292	68,272	8	24	203	4,531	72,496	8	26	189
South Central.....	20,533	300,872	58	321	584	21,732	404,063	55	326	544
Montana.....	40	520	6	15	93	61	1,098	4	16	91
Idaho.....	26	988	6	51	4	23	874	5	50	4
Wyoming.....	120	1,320	10	20	131	120	1,560	10	45	110
Colorado.....	640	5,760	75	248	352	819	9,418	70	315	189
New Mexico.....	171	2,394	4	16	28	154	2,150	8	40	31
Arizona.....	25	375	2	10	6	26	390	2	15	8
Utah.....	9	252	5	50	8	8	208	5	50	7
Nevada.....	1	30	1	9	0	1	35	1	9	0
Washington.....	14	518	7	80	11	12	420	7	74	10
Oregon.....	38	1,254	18	135	10	29	841	17	90	9
California.....	40	1,460	11	99	11	40	1,440	11	99	11
Western.....	1,124	14,871	145	733	654	1,293	18,440	140	812	467
United States.....	81,483	2,350,299	5,160	35,233	7,098	82,106	2,277,259	4,172	33,475	5,514

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 51.—*Corn for grain: Stocks on farms, United States, 1927-39*

Year	Stocks on farms				Year	Stocks on farms			
	Jan. 1	Apr. 1	July 1	Oct. 1 ¹		Jan. 1	Apr. 1	July 1	Oct. 1 ¹
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1927.....	1,463,041	872,286	445,443	192,369	1934.....	1,478,849	806,905	488,743	273,287
1928.....	1,424,775	703,853	286,494	85,306	1935.....	1,336,482	447,009	207,770	61,655
1929.....	1,419,901	772,164	380,875	143,919	1936.....	1,410,901	816,058	394,794	175,222
1930.....	1,386,390	748,500	348,640	131,477	1937.....	1,066,935	409,074	155,115	60,571
1931.....	1,133,655	633,537	315,702	162,185	1938.....	1,673,221	1,071,120	642,922	353,194
1932.....	1,556,966	914,401	528,690	251,628	1939.....	1,797,281	1,204,229		
1933.....	1,858,461	1,156,102	646,176	326,530					

¹ Includes old crop only.

Bureau of Agricultural Economics.

TABLE 52.—*Corn, shelled: Receipts graded by licensed inspectors, all inspection points, by months, 1928-38*

Year beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	35,060	51,348	47,184	37,785	27,509	17,993	16,253	23,778	22,828	20,529	22,208	20,468	343,033
1929.....	20,956	53,842	52,301	34,093	24,260	24,524	19,564	20,710	19,184	23,741	17,517	17,612	288,204
1930.....	14,011	29,743	23,346	24,302	21,286	20,092	14,096	16,865	16,835	13,482	10,675	15,933	226,266
1931.....	16,589	15,984	14,958	18,576	13,988	14,031	13,046	9,040	11,109	17,952	19,542	27,233	192,948
1932.....	14,839	16,431	16,183	15,675	12,292	20,375	27,690	29,637	39,611	14,462	22,065	25,467	254,727
1933.....	23,682	19,403	17,703	15,298	16,304	9,013	10,947	13,448	27,565	37,194	18,478	18,465	227,500
1934.....	12,259	14,414	9,787	8,982	11,233	12,759	11,449	12,128	9,997	10,419	10,591	13,234	137,252
1935.....	20,440	20,598	18,043	17,055	23,250	20,429	17,916	24,648	17,492	18,392	14,751	14,970	227,984
1936.....	22,508	21,521	15,879	13,229	15,032	11,808	11,783	14,456	12,733	8,193	8,503	18,843	174,549
1937.....	39,009	37,075	41,475	26,330	27,020	27,837	29,396	27,688	25,983	20,320	19,754	42,361	364,348
1938.....	33,041	23,899	20,604	12,777	14,697	13,605							

¹ Revised standards effective Sept. 1, 1934.

Bureau of Agricultural Economics.

TABLE 53.—*Corn, shelled: Receipts graded by licensed inspectors, all inspection points, total of all classes under each grade, 1928-37*

Year beginning November	Grade							Total
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	Sample	
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	25,809	92,285	73,331	93,367	40,594	10,400	7,247	343,033
1929.....	26,394	85,038	49,806	50,916	39,995	19,475	16,580	288,204
1930.....	18,176	67,781	70,928	45,629	14,745	5,262	3,745	226,266
1931.....	15,469	91,136	53,075	22,756	3,967	3,159	2,465	192,048
1932.....	12,217	129,825	63,045	29,243	6,487	7,218	6,632	227,500
1933.....	39,099	117,613	47,096	14,113	3,953	2,592	3,064	227,500
1934.....	25,329	46,966	38,146	15,758	4,435		6,618	137,252
1935.....	19,423	44,937	33,838	42,264	61,416		26,104	227,984
1936.....	17,632	35,457	35,104	42,747	25,401		18,208	174,549
1937.....	68,715	113,061	82,629	62,793	21,081		16,069	364,348

¹ Revised standards, effective Sept. 1, 1934, comprise 5 numerical grades.

Bureau of Agricultural Economics.

TABLE 54.—*Corn: Commercial stocks, 1928-38*DOMESTIC CORN IN UNITED STATES ¹

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1928.....	6,894	2,032	5,353	18,565	28,797	36,927	37,744	28,863	15,951	13,740	9,076	6,340
1929.....	4,421	3,039	2,982	10,513	10,079	24,044	25,671	21,673	11,463	7,049	3,421	4,220
1930.....	4,855	4,550	7,332	17,190	17,283	20,127	22,167	19,697	12,337	8,175	8,363	9,066
1931.....	5,586	7,341	9,803	12,664	14,176	18,528	22,693	22,032	20,903	16,117	11,144	14,739
1932.....	18,705	27,973	26,537	30,633	33,855	36,868	36,151	31,958	28,780	48,618	63,274	57,764
1933.....	59,791	62,709	65,053	70,540	68,946	69,424	66,314	57,343	46,257	38,312	45,504	61,373
1934.....	63,803	58,482	50,166	43,752	34,497	28,002	21,352	14,818	10,642	7,491	5,037	6,566
1935.....	3,421	2,060	4,466	7,657	6,948	5,117	7,561	7,650	6,158	7,623	4,316	4,537
1936.....	4,325	4,277	8,185	14,440	15,080	13,901	11,323	6,097	4,316	6,264	7,425	5,384
1937.....	5,651	5,175	26,262	36,164	41,092	39,060	43,227	40,704	24,749	23,674	15,004	10,489
1938.....	9,899	23,081	46,645	52,644	50,866	47,480	43,745	39,262				

UNITED STATES CORN IN CANADA ²

1928.....	534	252	268	580	737	601	356	1,759	1,602	911	746	480
1929.....	763	847	375	290	180	152	129	428	745	697	135	147
1930.....	950	750	723	571	481	423	378	476	995	176	195	557
1931.....	500	1,143	1,106	918	884	872	843	1,051	992	817	549	759
1932.....	2,826	3,399	4,211	3,799	3,017	2,221	1,862	1,387	2,809	3,326	7,116	7,076
1933.....	7,707	10,065	10,840	10,159	8,896	7,822	6,839	5,829	3,647	2,833	3,021	5,809
1934.....	6,026	6,297	6,047	5,802	5,679	5,468	5,289	4,485	2,179	1,337	416	178
1935.....	3	1	1	1	2	2	1	1	44	71	163	221
1936.....	30	10	6	2	0	0	1	0	0		1	1
1937.....	1	2	1,064	949	573	486	399	3,546	8,738	7,559	5,431	5,145
1938.....	1,433	3,231	5,648	4,896	4,147	3,762	3,019	1,606				

¹ Domestic corn in store in public and private elevators in 39 markets and corn afloat in vessels or barges in harbors of lake and seaboard ports, Saturday nearest the 1st of the month.

² United States corn in store at 15 Canadian points or afloat in vessels or barges in harbors of lake and seaboard ports, Friday nearest the 1st of the month.

Bureau of Agricultural Economics. United States corn in Canada from Canadian Bureau of Statistics.

TABLE 55.—*Corn: Supply and distribution in the United States, 1926-38*

Year beginning October	Carry-over Oct. 1			Production	Total supply	Net exports ¹	Domestic disappearance
	Farm ²	Market	Total				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1926	259,006	³ 18,999	278,005	2,546,972	2,824,977	14,341	2,593,354
1927	192,369	24,913	217,282	2,616,120	2,833,402	17,619	2,723,583
1928	85,396	6,894	92,290	2,665,516	2,757,716	41,399	2,567,977
1929	143,919	4,421	148,340	2,521,032	2,669,372	8,119	2,524,921
1930	131,477	4,855	136,332	2,080,421	2,216,753	1,733	2,047,249
1931	162,185	5,586	167,771	2,575,611	2,743,382	4,058	2,468,991
1932	251,628	18,705	270,333	2,931,281	3,201,614	8,713	2,896,580
1933	326,530	59,791	386,321	2,399,632	2,785,953	3,928	2,444,935
1934	273,287	63,803	337,090	1,461,123	1,798,213	⁴ -35,812	1,768,949
1935	61,655	3,421	65,076	2,303,747	2,368,823	⁴ -20,228	2,299,504
1936	175,222	4,325	179,547	1,507,089	1,686,636	⁴ -103,238	1,723,652
1937	60,571	5,651	66,222	2,651,284	2,717,506	138,383	2,217,090
1938	352,134	9,899	362,033	2,542,238	2,904,271	-----	-----

¹ Based on corn for grain.² Corn, including meal, compiled from reports of the Bureau of Foreign and Domestic Commerce.³ Bradstreet's visible.⁴ Net imports.

Bureau of Agricultural Economics.

TABLE 56.—*Corn: Average price per bushel received by farmers, United States, 1928-38*

Year beginning October	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928	84.7	75.4	76.1	80.2	86.8	88.7	87.5	86.3	86.9	91.3	96.0	97.2	84.0
1929	91.9	81.0	78.0	77.3	77.4	74.5	78.3	77.8	79.0	77.1	94.0	91.7	79.9
1930	81.9	66.3	64.9	61.7	58.6	57.5	57.7	56.3	53.8	54.0	50.8	43.2	59.6
1931	33.4	36.6	34.5	33.7	32.4	32.2	31.4	30.1	29.4	29.9	30.2	28.0	32.0
1932	21.6	19.4	18.8	19.1	19.4	20.6	28.2	38.9	40.2	55.4	48.8	46.5	31.9
1933	38.8	40.6	42.0	43.9	45.6	47.1	47.1	48.6	56.0	59.2	72.7	77.4	52.2
1934	76.7	75.7	85.3	85.3	84.5	82.7	85.2	84.8	83.3	82.4	80.8	78.0	81.5
1935	71.8	56.4	53.0	53.5	55.5	56.4	57.2	60.0	61.3	80.2	103.7	104.7	65.5
1936	97.9	94.6	95.6	100.6	103.6	105.4	119.1	121.2	117.2	118.1	102.6	93.9	104.5
1937	58.9	48.0	48.5	52.2	51.7	51.3	52.7	52.7	52.3	53.7	48.5	48.0	52.0
1938	41.9	40.0	43.1	45.1	43.9	44.4	45.4	48.3	-----	-----	-----	-----	¹ 50.3

¹ Includes unredeemed loans at average loan rate.² Preliminary.

Bureau of Agricultural Economics: based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 530.

TABLE 57.—*Corn: Average price per bushel of reported cash sales, Chicago and five markets combined, 1928-38*

Grade, market, and year beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Weighted average
No. 3, Yellow, Chicago:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	84	83	93	94	94	90	87	91	99	101	101	95	92
1929.....	88	88	85	82	80	82	79	82	99	94	82	83	83
1930.....	71	69	65	61	60	58	56	58	57	46	42	38	60
1931.....	43	37	37	34	33	32	31	30	32	32	30	26	36
1932.....	25	23	24	23	26	34	42	43	56	51	47	40	35
1933.....	44	47	50	49	49	47	51	58	64	76	80	78	52
1934.....	83	93	91	88	83	89	88	85	85	81	83	82	86
1935.....	62	59	61	61	61	63	63	64	86	114	112	107	75
1936.....	105	107	112	111	116	135	135	122	118	104	106	66	118
1937.....	53	56	59	57	58	59	58	57	59	54	53	45	56
1938.....	46	51	51	48	48	49							
5 markets, all classes and grades: ¹													
1928.....	79.8	78.4	87.1	89.5	89.0	86.9	84.6	89.7	98.1	99.9	100.0	93.8	88.5
1929.....	81.0	79.1	77.7	75.9	73.5	80.2	78.5	77.8	80.6	97.6	93.2	80.3	80.3
1930.....	67.8	64.1	61.0	57.2	56.8	56.3	54.4	55.3	56.9	46.7	42.4	38.0	56.9
1931.....	43.5	37.1	37.0	34.2	33.1	32.6	31.9	30.7	32.4	32.1	29.8	25.6	33.2
1932.....	24.8	22.6	23.1	22.4	25.4	33.6	40.7	41.7	54.8	50.4	46.7	39.9	37.8
1933.....	43.6	45.3	47.9	47.2	48.1	46.2	52.9	58.3	63.7	76.7	80.4	79.3	56.6
1934.....	86.3	95.5	92.8	88.9	84.2	89.9	88.0	86.6	84.7	81.4	82.0	71.0	85.5
1935.....	56.6	53.0	55.5	57.3	55.2	58.8	60.5	61.3	86.5	113.1	111.9	102.2	66.6
1936.....	104.1	105.1	110.6	110.9	115.6	134.5	133.6	120.7	117.9	105.8	97.4	57.3	104.6
1937.....	51.3	54.8	57.4	54.5	55.5	57.9	57.1	55.7	57.7	52.6	51.7	44.9	54.0
1938.....	45.8	50.1	50.6	47.3	46.9	48.8							

¹ Compiled from daily trade papers of markets named. The markets are Chicago, St. Louis, Omaha, Kansas City, and Minneapolis.

Bureau of Agricultural Economics. Computed by weighting selling price by number of carlots sold, as reported in Chicago Daily Trade Bulletin. Chicago prices for earlier years in 1928 Yearbook, table 60.

TABLE 58.—*Corn, yellow, La Plata: Average spot price per bushel in Buenos Aires and Liverpool, 1928-38*

Market and year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
Buenos Aires:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	95	97	93	98	96	90	85	79	81	80	87	87	90
1929.....	85	75	72	65	62	59	60	59	56	54	56	50	63
1930.....	43	34	33	29	31	35	33	30	30	30	26	24	32
1931.....	25	32	28	27	30	33	31	29	30	31	32	32	30
1932.....	30	28	26	29	28	27	27	30	31	37	35	37	30
1933.....	34	38	37	39	43	47	40	40	43	47	61	58	44
1934.....	52	51	56	49	43	42	39	38	38	37	37	38	43
1935.....	37	37	37	37	37	39	42	42	42	46	52	51	42
1936.....	49	45	47	50	54	55	53	56	53	55	54	55	52
1937.....	69	65	73	83	80	78	71	68	62	64	55	51	68
1938.....	50	49	58	58	52	55							
Liverpool:													
1928.....	115	123	120	125	127	124	121	107	104	117	113	107	117
1929.....	103	96	89	83	79	75	91	85	76	84	90	77	86
1930.....	63	52	54	48	49	58	61	57	50	47	44	41	52
1931.....	39	44	37	39	42	46	47	46	42	43	43	42	43
1932.....	39	37	37	41	40	40	40	44	44	50	46	47	42
1933.....	46	56	63	59	56	62	61	56	57	60	75	72	60
1934.....	64	63	65	63	56	60	64	59	52	50	48	51	58
1935.....	53	49	49	51	50	54	56	57	57	63	80	73	58
1936.....	69	63	70	72	72	76	85	79	79	83	83	84	76
1937.....	86	87	91	99	96	92	98	102	96	96	84	79	92
1938.....	79	70	79	79	74	74	75						

Bureau of Agricultural Economics. Compiled in original currencies and units as follows: Buenos Aires—Revista de la Bolsa de Cereales, Buenos Aires, weekly. Averages of daily official market prices for merchandise of export grade. New crop used beginning Apr. 1. Liverpool—Broomhall's Corn Trade News, Liverpool, weekly. Averages of Tuesday quotations through Feb. 19, 1929. Beginning Feb. 27, 1929, Wednesday quotations were used. Price series converted to cents per bushel of 56 pounds at current monthly rates of exchange as reported by the Federal Reserve Board (Liverpool series converted at par prior to September 1931). Annual averages compiled from monthly prices carried to 1 decimal. Data for earlier period in 1928 Yearbook, tables 62 and 63, and Agricultural Statistics, 1938, table 52.

TABLE 59.—*Corn: Volume of trading in futures at all contract markets, by months and crop years, 1928-38*¹

Year beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>	<i>Million bu.</i>
1928.....	457	420	369	373	411	466	526	475	520	453	296	260	5,361
1929.....	261	199	196	232	328	283	290	322	498	611	433	461	4,134
1930.....	418	649	600	474	370	380	346	265	381	373	238	246	4,740
1931.....	361	209	119	156	142	204	110	102	98	178	122	106	1,907
1932.....	145	90	74	50	87	291	544	631	816	288	202	359	3,586
1933.....	310	212	120	70	74	224	258	381	440	602	243	296	3,230
1934.....	378	332	255	162	228	330	240	220	192	185	136	197	2,855
1935.....	120	100	54	45	52	92	80	148	416	365	214	113	1,829
1936.....	231	258	199	130	152	296	224	324	336	307	174	184	2,816
1937.....	177	158	106	71	108	111	115	125	180	206	139	133	1,630
1938.....	147	138	104	71	81	106	-----	-----	-----	-----	-----	-----	-----

¹ Grain exchanges fulfilling conditions of the Commodity Exchange Act respecting location, facilities, and rules and which have been designated "contract markets" by the Secretary of Agriculture. Trading in grain futures on exchanges in the United States is limited by the act to contract markets. Contract markets conducting trading in corn futures are shown in table 60.

Commodity Exchange Administration. See also table 62 on next page.

TABLE 60.—*Corn: Volume of trading in futures at contract markets, by markets and crop years, 1928-37*

Year beginning November	Chicago Board of Trade	Chicago Open Board of Trade	Kansas City Board of Trade	St. Louis Merchants Exchange	Milwaukee Grain and Stock Ex- change	Minneapo- lis Cham- ber of Commerce ¹	Omaha Grain Ex- change ²
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1928.....	4,924.4	144.4	247.1	11.9	32.7	-----	-----
1929.....	3,799.1	94.9	208.1	4.7	27.1	-----	0.2
1930.....	4,318.4	178.0	208.9	3.5	23.9	9.9	.9
1931.....	1,795.6	42.9	54.9	1.1	8.7	-----	1.0
1932.....	3,351.4	55.4	165.0	-----	13.8	-----	-----
1933.....	3,017.4	33.3	165.8	-----	13.6	-----	-----
1934.....	2,678.3	28.2	137.6	.7	10.6	-----	-----
1935.....	1,730.3	17.5	73.9	1.1	7.0	-----	-----
1936.....	2,700.4	31.1	72.8	.8	11.3	-----	-----
1937.....	1,543.4	14.9	48.3	-----	3.4	19.6	-----

¹ Trading in corn futures at Minneapolis began Jan. 30, 1922, was discontinued July 31, 1923, and resumed Jan. 31, 1931.

² Trading at Omaha began June 16, 1930, and was suspended Dec. 7, 1932.

Commodity Exchange Administration. See also table 62 on next page.

TABLE 61.—*Corn: Wet-process grindings, 1928-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1928.....	7,725	7,535	6,550	8,364	8,719	7,085	6,044	6,338	6,696	6,560	7,672	7,913	87,201
1929.....	8,721	6,453	6,053	7,622	6,568	6,065	6,615	6,623	6,100	6,103	6,561	6,473	79,957
1930.....	6,253	5,434	5,241	5,990	5,575	5,441	5,492	5,580	5,738	5,108	4,664	5,912	66,488
1931.....	6,317	6,348	4,630	5,130	5,344	5,045	4,687	4,920	4,552	4,343	5,165	5,981	62,462
1932.....	5,856	5,569	5,167	5,758	5,022	5,830	7,117	8,862	5,473	6,511	6,005	4,645	71,815
1933.....	6,142	8,952	4,802	4,421	5,020	5,938	4,953	5,524	6,997	5,983	6,792	5,017	70,541
1934.....	5,496	4,275	5,432	4,211	3,576	4,710	5,620	4,713	4,150	4,145	4,085	4,857	55,272
1935.....	6,232	5,804	6,128	6,356	6,113	7,088	6,206	6,242	5,386	6,502	6,898	6,778	75,826
1936.....	5,614	5,525	5,786	5,641	5,957	6,395	7,268	6,701	5,382	3,618	3,964	4,465	66,816
1937.....	6,229	6,667	5,614	6,660	5,510	5,943	5,638	5,669	5,784	5,289	6,079	6,564	71,646
1938.....	6,915	6,547	6,724	6,340	5,256	5,780	-----	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports of the Corn Refiners' Statistical Bureau.

TABLE 62.—*Corn: Open contracts in all futures combined, Chicago Board of Trade, semimonthly, Jan. 15, 1928–Dec. 31, 1938*

Date	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.
Jan. 15.....	83	67	34	56	38	52	100	67	22	39	52
Jan. 31.....	93	75	39	59	37	53	101	64	24	38	51
Feb. 15.....	99	80	45	58	39	54	101	65	24	38	48
Feb. 28.....	106	83	46	59	43	56	98	63	24	36	49
Mar. 15.....	100	80	51	57	43	56	97	58	25	35	51
Mar. 31.....	95	71	53	56	45	53	94	57	26	32	54
Apr. 15.....	93	71	50	54	42	50	85	55	26	34	51
Apr. 30.....	89	61	48	43	35	52	75	44	26	33	44
May 15.....	78	54	49	43	31	67	67	39	25	33	46
May 31.....	83	55	49	40	32	77	64	35	22	31	41
June 15.....	84	51	44	41	30	84	61	36	21	34	43
June 30.....	77	48	38	40	27	99	61	37	23	34	42
July 15.....	80	48	35	36	24	115	65	34	24	34	40
July 31.....	72	51	44	33	26	98	83	26	29	36	37
Aug. 15.....	82	44	48	36	30	96	89	29	44	50	39
Aug. 31.....	79	47	51	34	33	90	87	27	47	52	40
Sept. 15.....	79	47	48	34	32	92	85	28	51	50	35
Sept. 30.....	68	44	50	31	38	97	84	25	52	38	34
Oct. 15.....	79	43	51	34	45	98	83	27	54	38	44
Oct. 31.....	92	39	56	35	47	99	81	32	55	42	52
Nov. 15.....	90	34	57	40	50	100	82	32	54	46	63
Nov. 30.....	91	35	54	39	48	96	76	32	53	44	64
Dec. 15.....	79	35	55	37	49	101	71	25	51	45	63
Dec. 31.....	63	30	54	36	50	101	71	21	42	49	65

Commodity Exchange Administration.

The maximum open contracts in Chicago corn futures during period shown were 120,172,000 bushels, July 19, 1933; the minimum open contracts were 20,589,000 bushels, June 16, 1936.

TABLE 63.—*Corn: Sales of certain products of the wet-process industry, 1929–38*

Calendar year	Corn-starch	Corn sugar	Corn sirup ¹	Dex-trines	Corn oil		Feed	
					Crude	Refined	Gluten feed and meal	Corn-oil meal
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 short tons	1,000 short tons
1929.....	879,560	894,986	1,111,153	114,466	53,661	78,913	634	27
1930.....	710,525	849,315	1,025,970	89,730	40,004	77,924	576	25
1931.....	635,207	802,052	929,342	79,136	41,076	71,537	479	21
1932.....	529,320	776,854	794,926	62,122	35,127	76,437	542	18
1933.....	741,854	836,650	1,000,941	86,222	37,246	81,153	598	23
1934.....	666,869	633,233	966,172	69,947	42,400	87,109	599	21
1935.....	636,373	363,018	942,332	71,856	27,200	82,077	472	18
1936.....	849,573	424,807	1,154,144	93,352	10,825	105,446	563	27
1937.....	730,890	417,849	1,033,468	83,314	19,590	113,357	542	29
1938.....	912,225	412,479	1,080,266	80,581	15,361	113,851	518	22

¹ Includes corn sirup sold to mixers and quantity used in mixed sirups.

Bureau of Agricultural Economics. Compiled from reports of the Corn Refiners' Statistical Bureau.

TABLE 64.—*Hog-corn ratios, 1923–39¹*

[Number of bushels of corn required to buy 100 pounds of live hogs]

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Average
	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.
1928.....	10.4	9.6	8.7	8.4	8.6	8.5	9.4	10.2	11.7	11.3	10.4	10.4	9.9
1929.....	10.2	10.2	11.3	11.7	11.6	11.3	11.3	10.7	9.8	9.9	10.5	10.9	10.8
1930.....	11.4	12.2	12.8	11.7	11.6	11.5	10.9	9.5	10.3	10.7	12.4	11.5	11.4
1931.....	11.8	11.6	12.0	12.0	11.3	10.6	11.5	12.3	12.6	14.1	11.9	10.9	11.9
1932.....	11.2	10.9	12.1	11.4	9.8	9.6	14.1	13.4	13.5	15.0	15.7	14.5	12.6
1933.....	14.0	15.2	15.6	11.4	10.0	9.9	7.2	7.8	8.0	10.7	9.1	7.0	10.5
1934.....	7.0	8.5	8.2	7.4	6.5	6.3	6.7	6.3	7.8	6.8	6.7	6.0	7.0
1935.....	8.1	8.4	9.8	9.2	9.3	10.0	10.2	12.6	13.2	13.3	15.1	16.5	11.3
1936.....	16.7	16.8	16.3	16.4	14.3	14.5	11.4	9.5	9.2	9.4	9.2	9.5	12.8
1937.....	9.3	8.9	8.7	7.6	7.7	8.5	9.1	11.2	11.2	16.6	17.2	15.5	11.0
1938.....	14.5	15.0	16.3	14.7	13.9	15.3	15.9	16.1	16.8	17.4	18.1	16.0	15.8
1939.....	15.4	16.4	16.0	14.5	13.2	-----	-----	-----	-----	-----	-----	-----	-----

¹ Based on average prices received by farmers for hogs and corn for the month.

Bureau of Agricultural Economics.

TABLE 65.—Corn, including corn meal in terms of grain: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES										
Argentina.....	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Rumania.....	217,379	2,251,848	0	277,631	0	330,105	0	358,212	0	0
United States.....	30,610	36	43,608	5	24,993	0	30,365	0	28,598	0
United States.....	23,194	1,714	5,708	² 1,128	583	43,246	873	31,485	6,139	86,337
Union of South Africa.....	19,467	407	13,353	411	23,923	90	1,394	154	39,496	245
Yugoslavia.....	17,909	581	17,234	29	15,265	0	3,594	0	28,552	3
Netherland India.....	4,876	13	4,833	17	3,307	15	6,813	17	² 5,606	³ 13
Union of Soviet Socialist Republics.....	3,973	0	5,599	0	402	0	0	⁴ 1	0	⁵ 2
Hungary.....	3,780	522	2,829	1,367	166	9,916	109	8,506	7,490	1
Bulgaria.....	3,701	0	5,679	0	203	0	4,667	0	3,887	0
Indo-China.....	3,531	0	9,169	0	16,253	1	18,374	0	22,633	0
Egypt.....	1,784	280	91	178	3	158	0	87	90	37
China.....	1,040	0	647	⁶ 31	41	11	204	1	480	0
Manchuria.....	(⁷)	(⁷)	⁸ 3,492	0	1,309	0	4,677	0	4,406	0
Australia.....	601	587	3	18	4	0	1	48	1	8
Uruguay.....	561	381	183	45	0	0	0	⁹ 51	0	0
British India.....	300	0	13	0	150	0	3	0	3	0
Total.....	332,776	4,523	364,376	3,229	364,233	53,437	400,615	40,352	497,593	86,646
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	2,475	69,496	1,450	101,788	347	124,945	378	148,361	377	149,068
Netherlands.....	630	43,296	467	52,133	20	34,918	4	35,909	5	37,883
Germany.....	56	41,881	1	20,162	0	11,098	0	6,762	0	84,990
France.....	64	20,927	78	34,760	18	24,661	6	28,003	33	29,488
Belgium.....	1,076	23,974	2,175	29,830	1,337	30,970	1,161	36,435	1,124	35,998
Italy.....	70	21,601	768	18,915	7	9,981	5	6,567	10	4,970
Denmark.....	9	19,651	12	21,150	11	8,398	10	12,593	11	24,324
Ireland.....	129	15,630	28	18,101	0	11,189	0	8,748	0	12,277
Spain.....	1	13,411	1	5,966	0	2,039	290	17,283	519	16,568
Canada.....	50	13,294	120	8,542	162	8,560	0	0	0	0
Czechoslovakia.....	10	12,450	1	13,045	0	4,796	0	3,759	32	2,785
Austria.....	33	6,340	10	14,874	1	15,235	1	12,218	2	13,451
Switzerland.....	0	5,168	2	4,773	0	3,741	0	3,322	0	4,180
Sweden.....	6	5,050	17	8,694	0	1,693	0	2,994	14	7,292
Norway.....	6	4,374	15	6,318	12	4,965	6	5,163	17	6,290
Cuba.....	0	2,265	¹⁰ 55	109	2	0	44	2	0	0
Poland.....	27	2,177	1	395	0	2	0	2	0	398
Mexico.....	2	1,748	560	773	¹¹ 3,190	¹² 1	¹³ 175	0	0	0
Japan.....	0	¹⁴ 1,406	0	1,677	0	4,175	0	12,208	0	11,832
Greece.....	0	842	0	1,578	0	2,135	0	2,356	0	1,871
Tunisia.....	11	487	16	301	12	64	6	472	1	430
Algeria.....	21	234	36	225	104	168	190	240	15	91
Finland.....	0	179	0	1,313	0	2,096	0	3,399	0	3,228
Total.....	4,635	331,891	5,813	365,422	5,223	305,839	2,285	346,706	2,160	447,423

¹ Preliminary.² Beginning 1934, imports for consumption.³ Java and Madura only.⁴ Accounts Relating to the Trade and Commerce of Certain Foreign Countries and British Countries Overseas.⁵ International Yearbook of Agricultural Statistics.⁶ 3-year average.⁷ Included with China.⁸ Year ended June 30.⁹ 4-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Maizena or maizena is included with "corn and cornmeal."

TABLE 66.—*Gluten feed and meal: Production, United States, 1928-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1928	62.0	60.5	52.7	67.3	70.1	57.0	48.7	51.1	54.0	52.9	61.9	63.9	702.1
1929	70.5	52.1	49.0	61.7	53.1	49.1	53.6	53.6	49.5	49.5	53.2	52.5	647.4
1930	50.8	44.1	42.6	48.7	45.3	44.3	44.7	45.5	46.8	42.1	38.0	48.2	541.1
1931	51.5	51.9	37.8	41.9	43.7	41.3	38.3	40.3	37.3	35.6	42.3	49.0	510.9
1932	48.0	45.7	42.4	47.2	41.2	47.8	58.4	72.8	44.9	53.4	49.6	38.1	589.5
1933	50.4	73.6	39.5	36.3	41.3	48.8	40.7	45.5	57.6	49.2	55.9	41.3	580.1
1934	45.3	35.2	44.7	34.7	29.5	38.8	46.4	38.9	34.2	34.2	33.7	40.1	455.7
1935	51.4	46.6	50.6	52.5	50.4	58.5	51.2	51.5	44.4	53.7	56.9	55.9	623.6
1936	46.3	45.6	47.7	46.5	49.1	52.8	60.0	55.3	48.5	29.9	32.7	36.9	551.3
1937	51.4	55.0	46.3	54.9	45.4	49.1	46.5	42.9	47.7	43.6	50.2	54.2	587.2
1938 ¹	57.0	54.0	58.5	52.3	43.4	47.7	42.0	-----	-----	-----	-----	-----	-----

¹ Preliminary.

Bureau of Agricultural Economics. Computed from reports of the Corn Refiners' Statistical Bureau.

TABLE 67.—*Gluten feed: Average price per ton, at Chicago, 1928-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928	39.65	39.65	39.65	40.90	45.65	44.05	38.35	35.25	34.60	35.50	36.20	38.00	38.95
1929	39.25	38.90	37.80	36.80	32.75	30.15	31.15	31.15	31.15	33.75	35.60	34.05	24.05
1930	30.75	28.60	29.00	28.85	27.30	26.05	25.80	22.80	21.20	20.70	19.05	15.35	24.62
1931	13.70	15.35	15.35	13.90	11.60	11.60	12.40	12.50	12.40	10.65	11.90	13.05	12.87
1932	12.00	10.70	11.05	11.50	11.95	12.80	14.05	15.85	17.15	21.00	22.45	20.75	15.10
1933	19.60	20.55	18.20	17.80	18.45	19.70	19.45	17.90	20.60	21.25	25.70	28.20	24.62
1934	28.65	30.10	34.10	33.70	31.85	27.45	24.65	25.45	24.45	22.25	21.20	19.95	26.98
1935	22.00	23.60	23.75	22.15	20.10	18.40	16.45	16.70	17.90	28.20	37.45	35.55	23.52
1936	30.20	30.80	33.20	35.95	35.30	31.75	35.70	35.70	31.15	29.20	26.70	23.20	31.57
1937	22.70	23.65	25.15	26.45	27.20	23.90	21.95	20.20	20.30	20.45	19.80	19.25	22.58
1938	18.30	18.10	18.60	17.60	17.35	17.20	18.60	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports made directly to the Bureau by its representative in the market. Prices are simple averages of 1 day's quotation each week, bagged, car lot basis.

TABLE 68.—*Oats: Acreage, production, value, and foreign trade, United States, 1866-1938*

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel at Chicago, year beginning August ²	Foreign trade, including meal, year beginning July ³				
							Domestic exports	Imports	Net exports ⁴		Percentage of production
									Total		
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Percent	
1866	7,935	29.3	232,360	47.4	110,237	-----	826	790	1,199	0.5	
1867	8,176	27.2	222,605	58.7	130,730	-----	123	986	825	-----	
1868	8,897	25.8	229,676	54.1	124,144	54	482	478	63	(⁵)	
1869	-----	-----	888,107	-----	-----	-----	-----	-----	-----	-----	
1869	9,555	29.7	284,004	46.1	130,896	44	122	2,602	2,403	-----	
1870	10,348	25.9	267,947	42.6	114,091	43	148	890	737	-----	
1871	11,061	27.7	306,218	38.5	117,848	32	263	927	665	-----	
1872	11,789	27.7	326,759	32.2	105,229	26	714	287	428	.1	
1873	12,010	25.6	306,906	37.4	114,806	30	813	192	621	.2	
1874	12,775	21.3	272,501	52.0	141,677	53	505	1,500	995	-----	
1875	13,616	26.8	364,967	36.7	134,088	33	1,466	261	1,221	.3	
1876	14,589	22.4	327,212	34.9	114,316	34	2,854	153	2,703	-----	
1877	14,816	29.4	435,330	28.8	125,473	24	3,715	104	3,633	-----	
1878	15,830	28.0	443,365	24.0	106,257	23	5,452	63	5,390	1.2	
1879	16,145	28.5	477,859	-----	-----	-----	-----	-----	-----	-----	
1879	15,955	26.0	415,440	32.6	135,267	29	766	537	234	.1	
1880	16,414	25.5	417,942	34.9	145,798	33	403	115	290	.1	
1881	16,916	26.4	446,125	45.5	202,883	46	626	1,932	1,307	-----	
1882	19,075	28.3	540,462	37.1	200,646	38	461	885	419	-----	
1883	20,621	29.4	605,576	32.4	196,366	30	3,275	121	3,157	.5	
1884	21,974	29.1	640,520	27.2	174,408	28	6,263	94	6,169	1.0	
1885	23,351	28.9	674,151	27.9	187,860	28	7,311	149	7,231	1.1	
1886	24,426	27.9	682,312	28.9	197,307	26	1,375	140	1,235	.2	
1887	26,272	26.5	696,175	29.7	206,976	29	573	124	455	-----	

See footnotes at end of table.

TABLE 68.—Oats: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel at Chicago, beginning August ²	Foreign trade, including meal, year beginning July ³			
							Domestic exports	Imports	Net exports ⁴	
									Total	Percentage of production
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1888	27,807	27.8	773,139	27.0	208,787	24	1,191	132	1,060	0.1
1889	28,527	28.6	809,551	28.6	219,730	23	1,107	133	14,909	1.8
1890	28,697	29.0	831,047	29.0	219,730	23	1,107	133	14,909	1.8
1891	28,755	21.5	609,122	41.7	253,907	43	1,383	42	1,341	1.3
1892	27,756	30.1	836,789	30.6	256,069	30	10,587	48	10,546	1.3
1893	28,168	25.6	721,824	31.5	227,481	31	2,701	49	2,655	.4
1894	29,266	24.2	707,129	28.9	204,437	31	6,290	32	6,258	.9
1895	29,556	25.4	750,009	32.0	240,213	29	1,709	330	1,379	.2
1896	30,905	29.9	924,858	19.3	178,767	18	15,157	67	15,117	1.6
1897	30,248	25.6	774,929	18.3	141,544	17	37,725	131	37,613	4.9
1898	28,829	28.8	829,525	21.0	173,996	23	73,880	25	73,855	8.9
1899	29,327	28.7	842,205	25.1	211,532	25	35,534	28	35,506	4.0
1899	29,510	31.9	937,589	24.5	229,312	24	45,049	55	44,095	4.7
1899	29,254	32.0	947,173	25.3	239,672	26	42,269	32	42,237	4.5
1900	31,049	30.5	945,483	25.3	239,672	26	42,269	32	42,237	4.5
1901	30,891	25.9	799,812	39.7	317,793	43	13,278	39	13,240	1.7
1902	31,358	34.3	1,076,899	30.5	328,647	34	8,382	150	8,233	.8
1903	32,187	27.5	885,469	33.7	298,707	38	1,961	184	1,857	.2
1904	32,749	30.9	1,011,556	30.9	312,675	32	8,395	56	8,339	.8
1905	33,426	33.0	1,104,395	28.8	317,843	31	48,435	40	48,395	4.4
1906	33,688	30.4	1,022,715	31.7	324,231	37	6,386	91	6,379	.6
1907	34,439	23.3	801,144	44.4	355,369	50	2,519	383	2,195	.3
1908	34,310	24.2	829,308	49.2	408,010	52	2,334	6,692	4,425	5.3
1909	35,159	28.6	1,007,145	42.8	433,820	42	2,540	1,063	1,704	.2
1909	35,062	28.9	1,013,969	35.6	394,163	33	3,846	140	3,707	.3
1910	36,844	30.0	1,106,162	44.9	397,213	50	2,678	2,660	30	(9)
1911	37,149	23.8	885,527	33.7	455,770	45	36,455	765	35,695	2.6
1912	37,244	36.3	1,353,273	38.6	401,485	40	2,749	22,333	18,585	1.8
1913	37,245	27.1	1,039,131	43.9	467,789	50	100,609	670	100,158	9.4
1914	37,213	28.7	1,066,328	38.3	550,065	41	98,960	720	98,648	6.9
1915	38,802	37.0	1,435,270	48.7	554,341	54	95,106	841	94,348	8.3
1916	39,098	29.1	1,138,969	70.1	1,011,201	71	125,091	2,915	122,273	8.5
1917	41,604	34.7	1,442,510	68.5	977,940	70	109,005	838	108,167	7.6
1918	42,464	33.6	1,428,611	76.7	1,055,185	80	43,436	6,077	37,365	3.4
1919	37,691	27.8	1,055,185	53.8	777,178	51	9,391	3,827	5,564	.4
1919	39,061	27.9	1,066,603	32.2	336,563	35	21,237	1,824	19,422	1.9
1920	42,732	23.8	1,044,291	37.4	429,195	41	25,413	340	25,087	2.2
1921	45,539	23.0	1,045,270	40.7	499,693	44	8,796	4,271	4,550	.4
1922	40,324	28.5	1,147,905	47.8	676,316	51	16,777	3,067	13,726	1.0
1923	40,245	30.5	1,227,184	38.9	546,354	41	39,687	212	39,565	2.8
1924	37,650	31.7	1,301,599	40.0	461,577	43	15,041	135	14,908	1.3
1924	41,857	33.8	1,416,120	47.1	515,279	54	9,823	233	9,611	.9
1925	44,240	31.8	1,408,268	40.7	534,389	44	16,251	426	15,825	1.2
1926	42,854	26.9	1,152,911	41.8	465,740	45	7,966	175	7,790	.7
1927	40,350	27.1	1,093,221	32.2	410,086	36	3,123	659	2,464	.2
1928	40,128	32.7	1,312,914	21.3	239,109	22	4,457	85	4,352	.4
1929	38,153	29.2	1,113,050	15.7	195,826	19	5,361	28	5,333	.4
1930	39,850	32.0	1,274,698	33.5	245,332	36	1,405	154	1,251	.2
1931	40,242	27.9	1,123,892	48.0	290,560	48	1,147	15,645	14,498	1.4
1932	41,703	30.0	1,250,955	26.3	314,579	29	1,430	110	1,320	.1
1933	46,531	29.1	1,353,196	44.9	352,614	43	912	168	744	.1
1934	42,589	18.7	798,780	30.1	349,395	32	12,331	23	12,308	1.0
1935	29,455	18.4	542,306	21.8	229,895	21	1,053	23	1,030	.1
1936	39,831	30.0	1,194,902							
1937	33,370	23.5	785,506							
1938	35,256	32.9	1,161,612							
1938 ⁵	35,477	29.7	1,053,839							

¹ Prior to 1908 prices are as of Dec. 1.² Compiled as follows: September 1868-July 1899, Chicago Board of Trade annual reports, average of weekly quotations for No. 2; beginning August 1899, Chicago Daily Trade Bulletin, average of daily quotations for No. 3 white, weighted by carlot sales; 1921-22 changed to July-June basis.³ Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-26; January and June issues, 1927-38; and official records of the Bureau of Foreign and Domestic Commerce. Oats—general imports, 1866-1932, imports for consumption beginning 1933; oatmeal—general imports, 1866-68 and 1884-1909; imports for consumption 1869-83 and 1910-38. No exports of oatmeal reported 1866-84.⁴ Total exports (domestic plus foreign) minus total imports. Beginning 1933 net exports are domestic exports minus imports for consumption.⁵ Net imports. Total imports minus total exports (domestic plus foreign). Beginning 1933 net imports are imports for consumption minus domestic exports.⁶ Less than 0.05 percent.⁷ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 69.—Oats: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938

State and division	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents
Maine.....	119	113	114	36.8	35.0	34.0	4,387	3,955	3,876	46	41
New Hampshire.....	8	8	8	37.6	35.0	36.0	289	280	288	49	44
Vermont.....	61	55	56	31.3	28.0	31.0	1,906	1,540	1,736	47	44
Massachusetts.....	5	5	6	32.4	30.0	34.0	172	150	204	48	45
Rhode Island.....	2	2	2	31.9	30.0	30.0	64	60	60	47	45
Connecticut.....	7	6	6	29.0	29.0	30.0	206	174	180	47	46
New York.....	850	752	782	28.2	25.0	34.0	24,060	18,850	26,588	44	33
New Jersey.....	45	51	48	29.6	30.0	25.5	1,322	1,530	1,224	44	33
Pennsylvania.....	943	915	915	28.2	27.0	33.5	26,702	24,705	30,652	43	33
North Atlantic.....	2,040	1,907	1,937	28.9	26.8	33.5	59,108	51,194	64,808	43.8	33.9
Ohio.....	1,637	1,246	1,121	30.8	28.5	33.0	51,072	35,511	36,993	32	23
Indiana.....	1,792	1,455	1,310	26.8	31.0	26.0	49,379	45,105	34,060	28	21
Illinois.....	3,986	3,655	3,509	29.1	45.5	31.5	118,709	169,302	110,534	28	20
Michigan.....	1,383	1,224	1,224	29.2	28.0	35.0	40,642	34,272	42,840	35	27
Wisconsin.....	2,470	2,480	2,455	31.8	32.0	31.0	78,558	79,360	76,105	32	25
Minnesota.....	4,298	4,239	3,900	29.7	39.0	33.0	129,211	165,321	128,700	24	17
Iowa.....	5,968	5,913	5,913	30.8	46.0	33.5	186,336	271,998	198,086	25	17
Missouri.....	1,609	1,550	1,900	20.0	28.0	24.0	32,757	43,400	45,600	32	22
North Dakota.....	1,605	1,312	1,391	18.6	22.5	22.5	31,996	29,520	31,298	22	15
South Dakota.....	1,798	1,462	1,535	21.8	21.0	30.0	45,786	30,702	46,050	24	16
Nebraska.....	2,188	1,697	1,867	22.5	21.0	29.5	52,829	35,637	55,076	32	17
Kansas.....	1,424	1,474	1,518	22.1	24.0	23.5	31,597	35,376	35,673	37	21
North Central.....	30,156	27,707	27,643	27.6	35.1	30.4	848,871	972,504	841,015	27.5	19.4
Delaware.....	3	3	3	29.8	29.0	32.0	90	87	96	47	38
Maryland.....	50	38	41	28.0	28.5	32.0	1,407	1,083	1,312	44	35
Virginia.....	123	80	92	19.2	21.0	21.5	2,389	1,680	1,978	51	39
West Virginia.....	118	85	86	19.9	20.0	21.0	2,366	1,700	1,806	51	43
North Carolina.....	203	230	253	18.1	21.0	22.0	3,652	4,830	5,566	56	42
South Carolina.....	395	438	467	21.1	22.0	22.8	8,316	10,076	10,648	58	41
Georgia.....	325	444	426	18.6	19.5	22.5	6,025	8,658	9,585	59	42
Florida.....	8	9	9	14.2	14.5	15.5	110	130	140	72	45
South Atlantic.....	1,225	1,347	1,377	19.9	21.0	22.6	24,385	28,244	31,131	56.6	41.2
Kentucky.....	135	88	62	15.6	21.0	19.5	2,164	1,848	1,209	42	32
Tennessee.....	103	80	85	15.2	18.5	20.0	1,598	1,480	1,700	51	38
Alabama.....	99	128	132	17.8	21.0	24.0	1,806	2,646	3,168	61	48
Mississippi.....	39	51	59	20.6	28.0	27.0	838	1,428	1,593	53	42
Arkansas.....	131	150	135	18.5	22.0	19.0	2,456	3,300	2,565	42	36
Louisiana.....	26	45	50	22.8	31.0	27.0	596	1,395	1,350	48	37
Oklahoma.....	1,202	1,334	1,307	20.2	20.5	21.0	24,442	27,347	27,447	36	22
Texas.....	1,474	1,268	1,420	23.2	24.0	26.0	34,971	30,432	36,920	40	25
South Central.....	3,209	3,142	3,250	21.2	22.2	23.4	68,872	69,876	75,952	40.0	26.2
Montana.....	289	170	248	23.6	24.0	36.0	7,275	4,080	8,928	36	24
Idaho.....	136	124	126	35.1	40.0	39.0	4,804	4,960	4,914	33	25
Wyoming.....	122	104	114	24.7	26.0	27.0	3,004	2,704	3,078	37	28
Colorado.....	166	143	163	27.5	31.0	31.0	4,609	4,433	5,053	38	26
New Mexico.....	26	24	30	22.9	25.0	22.0	596	600	660	52	34
Arizona.....	11	9	10	27.7	26.0	26.0	301	234	260	54	38
Utah.....	40	31	28	36.1	38.0	39.0	1,451	1,178	1,092	40	30
Nevada.....	3	3	3	35.4	35.0	40.0	92	105	120	47	41
Washington.....	160	155	158	48.4	52.0	42.5	7,723	8,060	6,715	36	34
Oregon.....	272	280	269	31.4	37.0	25.0	8,519	10,360	6,725	38	36
California.....	106	110	121	26.3	28.0	28.0	2,851	3,080	3,388	50	40
Western.....	1,331	1,153	1,270	30.9	34.5	32.2	41,225	39,794	40,933	38.0	30.1
United States.....	37,961	35,256	35,477	27.1	32.9	29.7	1,042,461	1,161,612	1,053,839	30.1	21.8

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 70.—Oats: Production, world and selected countries, 1894-1938

Year of harvest ¹	Estimated world total	Estimated European total	Selected countries								England and Wales	Argentina
			Soviet Union ²	United States	Germany	Canada	France	Poland	Million bushels	Million bushels		
1894	3,082	2,136	683	750	453	-----	294	-----	119	-----	-----	
1895	3,321	2,152	717	925	430	-----	306	-----	105	-----	-----	
1896	3,177	2,178	800	775	411	-----	296	-----	93	-----	-----	
1897	2,935	1,947	664	830	394	-----	253	-----	99	-----	1	
1898	3,250	2,201	688	842	465	-----	322	-----	102	-----	1	
1899	3,701	2,460	995	937	474	-----	308	-----	99	-----	2	
1900	3,530	2,308	854	945	489	-----	285	-----	90	-----	2	
1901	3,549	2,040	624	800	486	-----	255	-----	91	-----	2	
1902	3,902	2,507	931	1,077	514	-----	320	-----	115	-----	4	
1903	3,705	2,448	800	885	542	-----	344	-----	109	-----	3	
1904	3,886	2,554	1,124	1,012	478	-----	291	-----	112	-----	4	
1905	3,829	2,392	937	1,104	451	-----	306	-----	99	-----	6	
1906	3,768	2,397	714	1,023	581	-----	295	-----	109	-----	12	
1907	3,834	2,684	921	801	630	-----	353	-----	121	-----	34	
1908	3,840	2,585	959	829	530	266	327	-----	106	-----	32	
1909	3,445	3,028	1,163	1,014	629	376	383	-----	104	-----	36	
1910	3,222	2,726	1,065	1,106	544	261	332	-----	104	-----	47	
1911	3,183	2,561	876	886	531	389	349	-----	96	-----	69	
1912	4,811	2,811	1,089	1,353	587	416	355	-----	89	-----	76	
1913	4,835	3,162	1,251	1,029	669	430	357	-----	91	-----	43	
1914	4,188	2,598	1,015	1,066	623	333	318	-----	93	-----	49	
1915	4,469	2,301	1,897	1,435	412	494	239	-----	101	-----	75	
1916	4,078	2,316	1,845	1,139	484	436	277	-----	102	-----	32	
1917	3,915	1,811	761	1,443	250	428	220	-----	106	-----	69	
1918	3,797	1,720	-----	1,430	302	453	181	-----	141	-----	34	
1919	3,298	1,570	-----	1,107	310	419	180	76	110	-----	31	
1920	3,998	1,964	486	1,444	332	388	291	129	103	-----	51	
1921	3,493	1,814	359	1,045	345	453	244	92	100	-----	31	
1922	3,872	2,010	537	1,148	277	522	288	110	88	-----	56	
1923	4,349	2,297	575	1,227	421	599	337	153	95	-----	76	
1924	4,179	2,185	613	1,416	390	431	306	106	105	-----	53	
1925	4,561	2,503	794	1,405	385	427	328	144	97	-----	80	
1926	4,619	2,857	1,022	1,153	436	407	364	134	104	-----	66	
1927	4,403	2,653	903	1,093	437	467	343	147	94	-----	52	
1928	5,021	3,017	1,135	1,313	482	460	340	172	101	-----	65	
1929	4,798	3,156	1,084	1,113	509	301	402	203	107	-----	68	
1930	4,665	2,859	1,145	1,275	390	318	286	162	94	-----	61	
1931	4,137	2,451	755	1,124	427	349	316	159	87	-----	73	
1932	4,508	2,630	774	1,251	458	416	332	165	88	-----	70	
1933	4,264	3,002	1,062	733	479	327	391	185	86	-----	57	
1934	4,083	2,985	1,302	542	376	341	302	176	78	-----	62	
1935	4,715	2,912	1,259	1,195	371	419	307	179	80	-----	36	
1936	4,039	2,756	-----	786	387	289	290	182	76	-----	55	
1937	4,440	2,795	-----	1,162	408	285	290	161	66	-----	47	
1938 ³	4,618	2,957	-----	1,054	439	395	375	183	75	-----	52	

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus for 1937 the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest which begins late in 1937 and ends early in 1938.

² Through 1913 estimates are for the total Russian Empire.

³ Total Russian Empire, exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

⁴ Exclusive of Russian Poland, Lithuania, parts of present Latvia and the Ukraine, and the Provinces of Batum and Elizabetpol, in Transcaucasia.

⁵ Beginning this year, estimates for the present territory of the Soviet Union, exclusive of Turkestan, Transcaucasia, and the Far East, which territory in 1924 produced 20,248,000 bushels.

⁶ Beginning with this year post-war boundaries, and therefore not comparable with earlier years.

⁷ Official estimates, but figures may not be strictly comparable with those for previous years.

⁸ Preliminary.

⁹ Excluding Austria.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 71.—Oats: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1925-34, annual 1936-38¹

Country	Acreage				Yield per acre				Production			
	Average age 1925-29	1937	1938 *	Average age 1925-29	Average age 1930-34	1937	1938 *	Average 1925-29	Average 1930-34	1937	1938 *	
NORTHERN HEMISPHERE												
North America:	1,000 acres	1,000 acres	1,000 acres					1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
Canada.....	12,831	13,288	13,048	32.5	27.0	21.9	30.3	416,583	300,068	285,220	354,660	
United States.....	41,145	37,556	33,370	29.5	26.2	32.9	29.7	1,215,479	985,003	1,161,612	1,393,839	
Estimated North American total.....	54,000	46,700	46,300					1,632,000	1,385,000	1,447,000	1,449,000	
Europe:												
England and Wales.....	1,820	1,223	1,301	55.3	54.7	53.7	57.5	100,638	86,431	75,600	74,830	
Ireland.....	1,905	847	829	54.8	55.4	54.2	55.5	49,680	46,956	44,940	44,310	
France.....	655	559	573	70.0	66.6	64.7	70.0	45,060	41,513	36,188	39,133	
Northern Ireland.....	315	289	265	62.5	64.4	68.3	66.1	19,678	18,068	18,112	16,963	
Norway.....	241	236	210	52.1	51.7	50.2	59.3	12,201	12,201	11,797	12,521	
Sweden.....	1,624	1,617	1,648	48.3	48.3	50.0	53.2	81,594	78,366	82,848	98,118	
Denmark.....	1,927	953	930	64.5	71.9	61.8	85.7	66,254	68,511	57,616	79,228	
Netherlands.....	3,378	350	363	60.6	56.7	68.4	71.4	22,913	19,830	22,763	25,918	
Belgium.....	644	679	534	70.9	70.2	71.4	68.8	47,064	47,064	38,110	42,757	
Luxembourg.....	72	65	64	42.2	43.8	40.1	42.1	3,035	3,067	2,665	3,150	
France.....	8,004	8,383	8,123	42.2	43.8	40.1	42.1	33,503	33,503	26,622	32,757	
Spain.....	1,713	1,832	1,832	21.5	22.6	28.7	37.3	40,354	48,354	58,077	375,416	
Portugal.....	1,657	657	645	11.4	15.3	8.8	10.7	40,354	48,354	58,077	375,416	
Switzerland.....	1,222	1,133	1,076	54.1	53.7	50.9	59.7	41,677	38,237	32,952	42,666	
Austria.....	1,220	80	27	57.8	54.2	52.9	61.2	2,889	2,006	1,375	1,653	
Germany.....	8,640	8,112	7,036	52.0	52.5	56.4	65.5	449,661	425,988	397,072	407,780	
Czechoslovakia.....	757	702	738	39.6	37.8	41.3	40.8	29,972	28,823	29,438	28,488	
Greece.....	2,078	1,888	1,920	46.4	47.6	44.5	49.2	96,520	95,705	83,938	94,547	
Poland.....	2,622	337	335	18.7	20.2	19.4	23.5	4,900	6,810	6,502	10,886	
Lithuania.....	5,006	5,434	5,572	32.0	31.1	32.6	34.2	160,138	169,225	181,869	161,410	
Latvia.....	883	861	877	25.9	25.9	31.1	33.4	22,113	26,222	22,875	28,016	
Estonia.....	796	777	838	23.0	23.4	33.7	35.8	17,124	23,701	27,903	30,709	
Finland.....	357	341	358	23.4	28.2	23.0	26.8	8,363	10,028	7,862	11,961	
Union of Soviet Socialist Re- publics.....	1,098	1,126	1,111	36.4	41.3	42.9	44.4	39,922	46,539	47,707	56,256	
Dutch East Indies.....	41,262	42,347	43,526	23.9	23.9			987,804	1,007,740		18,629	
Hungary.....	687	581	532	37.5	32.9	33.9	34.4	25,734	10,126	18,049	19,185	
Yugoslavia.....	904	920	854	26.1	22.8	25.8	23.8	23,586	20,962	22,942	20,355	
Bulgaria.....	338	299	369	25.3	22.7	31.3	27.4	7,287	9,308	10,094	6,103	

Rumania.....	2,896	2,178	1,936	1,939	1,609	25.1	24.3	29.4	18.2	19.8	70,368	52,899	2,756,000	35,328	31,904
Estimated European total.....	85,900	85,200	83,900	82,800	80,300						2,837,000	2,786,000	2,795,000	2,957,000	
Africa:															
Morocco.....	71	73	80	105	109	24.2	24.8	18.6	25.9	30.3	1,718	1,811	1,328	3,207	
Senegal.....	605	511	473	477	506	21.3	21.3	25.6	20.1	15.8	12,869	11,014	12,000	9,565	8,003
Tunisia.....	104	77	62	91	77	24.8	21.6	11.1	21.6	28.8	2,577	1,667	689	1,933	2,067
Estimated African total.....	800	700	600	700	700						17,000	15,000	14,000	14,000	14,000
Asia:															
Turkey.....	328	395	654	554	376	23.2	26.4	22.7	27.9	61.8	7,595	10,415	14,817	15,436	23,254
Syria and Lebanon.....	30	30	28	27	26	21.5	27.5	26.9	27.0	26.5	11,289	11,223	11,602	10,730	8,583
Japan.....	282	302	308	306	302	15.2	13.4	10.7	32.1	29.1	4,099	3,880	2,788	7,688	5,871
Others.....	270	290	280	221	202						85,000	87,000	93,000	90,000	99,000
Estimated Asiatic total.....	3,400	3,500	3,900	3,600	3,500						109,000	108,000	101,000	94,000	99,000
Estimated Northern Hemisphere total.....	144,000	139,900	135,100	135,400	133,000						4,571,000	4,223,000	3,938,000	4,346,000	4,519,000
SOUTHERN HEMISPHERE															
Chile.....	108	197	280	298	338	34.7	30.2	24.6	28.4	30.2	6,870	5,944	6,800	8,476	10,106
Uruguay.....	145	161	179	221	261	18.7	13.3	11.2	15.1	20.7	2,716	2,139	1,999	3,328	5,401
Argentina.....	2,111	2,051	1,917	1,777	261	31.5	31.5	28.5	20.7		66,493	64,597	54,594	47,468	51,670
Union of South Africa.....	618	4,507	614			11.3	12.5	11.9			6,964	6,041	7,325	5,845	
Australia.....	1,108	1,226	1,525	1,403		14.8	16.7	13.7	15.6		16,350	20,460	20,828	21,889	
New Zealand.....	90	81	75	58	53	52.6	50.6	58.8	56.9	56.8	4,733	4,097	4,407	3,301	3,012
Estimated Southern Hemisphere total.....	4,400	4,400	4,700	4,500	4,800						109,000	108,000	101,000	94,000	99,000
Estimated world total.....	148,400	144,300	139,800	139,900	137,800						4,680,000	4,331,000	4,039,000	4,440,000	4,618,000

1 Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, for 1937 the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest which began late in 1937 and ends early in 1938.

2 Preliminary.

4 4-year average.
3-year average.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 72.—Oats: Stocks on farms, United States, 1926-38

Year beginning October	Stocks on farms				Year beginning October	Stocks on farms			
	Oct. 1	Jan. 1	Apr. 1	July 1 ¹		Oct. 1	Jan. 1	Apr. 1	July 1 ¹
1926.....	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1933.....	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1927.....	879,768	686,942	402,755	152,279	1934.....	610,317	457,637	276,539	107,691
1928.....	830,733	627,911	332,782	111,827	1935.....	454,726	350,204	208,928	71,354
1929.....	1,016,785	763,257	446,041	177,048	1936.....	971,463	770,398	493,787	246,952
1930.....	850,465	640,940	367,061	143,385	1937.....	679,957	482,158	286,301	88,156
1931.....	978,873	744,822	428,903	168,039	1938.....	916,647	698,431	421,840	196,065
1932.....	885,119	653,889	364,754	142,280		854,323	685,583	408,543	.....
	977,762	765,502	469,398	204,977					

¹ Includes old crop only.

Bureau of Agricultural Economics.

TABLE 73.—Oats: Production and farm disposition, United States, 1909-37

Crop of—	Production			Crop of—	Production		
	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.
1909.....	1,013,909	331,280	682,629	1924.....	1,416,120	412,266	1,003,854
1910.....	1,106,162	335,215	770,947	1925.....	1,408,268	373,592	1,034,676
1911.....	885,527	245,327	640,200	1926.....	1,158,911	272,680	886,226
1912.....	1,353,273	400,067	953,206	1927.....	1,093,221	230,096	863,125
1913.....	1,039,131	280,416	758,715	1928.....	1,312,914	290,088	1,022,826
1914.....	1,066,328	314,058	752,270	1929.....	1,113,050	228,251	884,799
1915.....	1,435,270	412,157	1,023,113	1930.....	1,274,698	215,092	1,059,606
1916.....	1,138,969	318,227	820,742	1931.....	1,123,892	189,951	933,941
1917.....	1,442,519	447,097	995,422	1932.....	1,250,955	210,122	1,040,833
1918.....	1,428,611	386,725	1,041,886	1933.....	733,166	96,566	636,600
1919.....	1,106,603	292,816	813,787	1934.....	642,306	88,855	553,451
1920.....	1,444,291	431,657	1,012,634	1935.....	1,194,902	203,662	991,240
1921.....	1,045,270	285,070	760,200	1936.....	785,506	120,683	664,823
1922.....	1,147,905	300,046	847,859	1937 ¹	1,161,612	224,435	937,177
1923.....	1,227,184	324,937	902,247				

¹ Relates to quantities used by producers on their own farms. Additional quantities of purchased oats are so utilized.² Preliminary.

Bureau of Agricultural Economics.

TABLE 74.—Oats: Receipts graded by licensed inspectors, all inspection points, by months, 1928-38

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1928.....	6,847	22,833	11,067	11,114	7,273	8,190	8,185	8,751	7,392	8,092	8,630	8,114	116,488
1929.....	9,428	29,735	11,285	9,727	5,139	5,056	5,490	7,090	7,852	8,278	8,736	6,509	114,325
1930.....	7,604	21,131	9,219	6,405	3,981	4,420	4,723	6,111	6,532	7,037	5,835	5,393	88,091
1931.....	6,983	11,466	5,839	5,728	3,782	3,789	4,177	5,491	4,333	5,167	5,697	3,908	66,360
1932.....	8,925	16,212	7,113	4,690	3,186	3,651	4,582	4,126	4,196	6,308	8,502	8,188	79,676
1933.....	12,966	10,209	6,286	3,778	3,343	3,031	3,876	5,545	5,458	3,223	4,135	3,717	61,369
1934.....	4,738	6,714	5,723	4,531	3,553	3,668	2,677	3,006	2,879	3,167	3,256	1,913	45,845
1935.....	2,531	18,801	13,038	9,212	4,620	4,094	4,765	3,756	7,391	4,199	4,888	4,954	82,549
1936.....	12,981	11,082	5,596	3,869	2,571	3,793	3,756	3,207	3,847	4,159	4,412	2,772	62,045
1937.....	6,597	17,610	9,077	6,704	5,136	4,174	4,866	4,071	4,932	3,843	3,974	3,275	74,259
1938.....	7,508	13,264	6,593	6,091	3,211	5,106	4,852	3,686	4,672	3,550	.....	.....	.....

¹ Revised standards effective July 2, 1934.

Bureau of Agricultural Economics.

TABLE 75.—Oats: Commercial stocks, 1928-38

DOMESTIC OATS IN UNITED STATES¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	3,338	2,445	15,992	17,561	16,900	15,399	17,314	16,219	16,801	14,003	11,493	10,591
1929.....	8,592	8,668	24,318	28,597	32,762	30,064	29,019	26,097	22,937	19,484	16,519	13,247
1930.....	11,028	9,102	25,844	32,928	33,265	30,504	30,896	26,770	23,026	18,213	13,990	9,681
1931.....	7,525	8,021	15,013	17,372	18,180	18,161	16,810	17,096	17,938	15,796	13,621	11,839
1932.....	10,657	12,627	27,273	28,895	29,084	27,484	26,443	26,406	25,831	24,195	21,878	23,959
1933.....	28,430	35,569	46,193	50,846	49,860	48,755	47,229	45,177	42,399	38,190	33,013	28,237
1934.....	23,369	22,732	26,544	26,271	26,245	25,570	23,384	22,332	19,729	15,656	11,686	11,063
1935.....	8,838	7,525	25,602	41,215	45,701	45,320	42,863	41,893	40,770	38,205	35,500	31,043
1936.....	31,463	38,864	51,861	50,973	48,639	42,571	30,372	31,066	25,807	18,378	11,785	5,648
1937.....	1,982	3,359	22,192	28,593	27,111	25,673	25,827	25,077	23,822	21,141	15,547	8,983
1938.....	6,825	6,837	20,597	22,026	22,609	17,676	16,919	15,545	14,649	12,601	10,312	-----

UNITED STATES OATS IN CANADA²

1928.....	60	4	978	2,326	1,031	547	644	494	424	309	716	529
1929.....	346	334	2,177	4,293	4,435	4,410	3,630	3,236	2,852	2,407	1,934	1,880
1930.....	936	1,106	2,679	2,478	2,425	2,103	1,475	1,110	834	626	821	936
1931.....	484	207	110	199	230	467	165	11	2	0	73	226
1932.....	126	144	1,317	1,530	1,407	1,151	1,094	680	392	158	316	565
1933.....	677	661	918	969	945	1,133	871	488	238	81	46	290
1934.....	288	241	169	139	133	126	108	93	76	55	15	0
1935.....	0	0	0	0	0	0	0	0	0	0	0	25
1936.....	214	0	173	100	181	133	51	12	4	0	0	0
1937.....	0	0	308	310	2,587	4,137	3,591	3,047	2,269	1,049	954	908
1938.....	707	732	1,464	1,193	887	1,428	1,369	713	382	132	73	-----

CANADIAN OATS IN CANADA³

1928.....	8,247	5,381	3,114	3,847	9,636	15,145	20,665	21,065	22,709	24,079	19,753	17,892
1929.....	16,045	15,893	14,859	16,449	19,777	20,998	21,233	20,109	18,489	16,065	12,553	10,340
1930.....	8,753	6,689	5,974	9,594	11,178	13,839	15,052	14,200	13,799	14,877	11,873	10,601
1931.....	9,074	8,874	8,806	9,527	10,823	13,577	15,582	14,624	14,277	14,800	11,054	6,005
1932.....	5,659	6,204	5,664	7,273	8,316	9,115	9,236	9,389	9,767	12,142	10,700	9,692
1933.....	10,308	12,252	13,991	15,926	19,328	20,192	20,144	18,753	18,222	16,747	12,672	10,682
1934.....	10,253	10,463	10,659	11,967	15,335	15,910	16,705	15,490	15,368	14,164	9,317	7,026
1935.....	5,722	5,983	5,750	9,980	13,769	12,243	12,234	11,513	10,902	12,422	10,505	8,646
1936.....	7,404	8,155	10,168	15,712	17,645	16,016	15,155	13,352	12,766	10,992	7,858	5,004
1937.....	3,832	2,890	2,844	5,768	9,179	10,358	9,348	9,360	9,377	9,535	8,200	4,301
1938.....	3,610	3,025	2,962	5,978	9,452	8,234	8,869	8,858	-----	-----	-----	-----

CANADIAN OATS IN UNITED STATES⁴

1928.....	122	12	123	141	211	711	900	704	801	516	722	577
1929.....	377	341	341	283	429	670	699	634	615	488	330	264
1930.....	91	146	21	49	27	7	255	167	3	10	78	238
1931.....	55	13	41	41	41	32	32	2	2	1	1	40
1932.....	0	0	0	0	0	0	0	0	0	0	0	0
1933.....	0	0	0	0	0	0	0	0	0	0	0	0
1934.....	0	0	0	0	266	23	0	0	0	0	130	0
1935.....	0	0	0	0	156	242	199	160	83	82	80	0
1936.....	0	0	0	7	7	7	0	0	0	0	0	0
1937.....	0	0	0	0	0	0	0	0	0	0	0	0
1938.....	0	0	0	0	0	0	0	0	0	0	0	-----

¹ Domestic oats in store in public and private elevators in 39 markets and oats afloat in vessels or barges in harbors of lake and seaboard ports, Saturday nearest the 1st of the month.

² United States oats in store at 15 Canadian points or afloat in vessels or barges in harbors of lake and seaboard ports, Friday nearest the 1st of the month.

³ Canadian oats in Canada exclusive of farm stocks, Friday nearest the 1st of the month.

⁴ Canadian oats in store and afloat at 16 United States lake and seaboard ports, Saturday nearest the 1st of the month.

Bureau of Agricultural Economics. United States and Canadian oats in Canada from Canadian Bureau of Statistics.

TABLE 76.—*Oats: Receipts graded by licensed inspectors, all inspection points, total of all classes under each grade, 1928-37*

Year beginning July	Grade					Total
	No. 1	No. 2	No. 3	No. 4	Sample	
	Cars	Cars	Cars	Cars	Cars	Cars
1928.....	679	13,549	74,277	19,986	7,997	116,488
1929.....	906	22,686	74,877	12,872	2,084	114,325
1930.....	7,420	35,861	35,623	8,272	915	88,091
1931.....	1,771	21,937	37,737	4,030	885	66,360
1932.....	761	23,431	47,549	6,849	1,086	79,676
1933.....	1,999	17,481	32,826	7,055	1,608	61,569
1934.....	6,530	15,592	12,202	6,114	5,107	45,545
1935.....	2,348	9,594	38,924	24,117	7,566	82,549
1936.....	12,883	17,160	20,953	7,406	3,641	62,045
1937.....	14,303	31,021	21,347	5,058	2,530	74,259

¹ Revised standards effective July 2, 1934.

Bureau of Agricultural Economics. Figures in this table have been changed to the basis of year beginning July, whereas in earlier Yearbooks this table was on the basis of year beginning August.

TABLE 77.—*Oats: Supply and distribution in the United States, 1926-38*

Year beginning July	Carry-over, July 1			Production	Total supply	Net exports ¹	Domestic disappearance
	Farm	Market	Total				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1926.....	227,537	38,708	266,305	1,152,011	1,419,216	14,988	1,234,263
1927.....	152,279	17,656	169,965	1,093,221	1,263,186	9,611	1,138,410
1928.....	111,827	3,338	115,165	1,312,914	1,428,079	15,825	1,226,614
1929.....	177,048	8,592	185,640	1,113,050	1,298,690	7,680	1,136,597
1930.....	143,385	11,028	154,413	1,274,698	1,429,111	2,464	1,251,083
1931.....	168,039	7,525	175,564	1,123,892	1,299,456	4,352	1,142,167
1932.....	142,280	10,657	152,937	1,250,955	1,403,892	5,333	1,163,152
1933.....	204,977	28,430	233,407	733,166	966,573	1,251	834,262
1934.....	107,691	23,369	131,060	842,306	673,366	14,467	607,641
1935.....	71,354	8,838	80,192	1,194,902	1,275,094	1,332	995,347
1936.....	246,952	31,463	278,415	785,506	1,063,921	757	973,026
1937.....	88,156	1,982	90,138	1,161,612	1,251,750	12,320	1,039,569
1938.....	193,636	6,825	199,861	1,053,839	1,253,700	-----	-----

¹ Oats, including oatmeal, compiled from reports of the Bureau of Foreign and Domestic Commerce.

² Bradstreet's visible.

³ Net imports.

Bureau of Agricultural Economics.

TABLE 78.—*Oats: Average price per bushel received by farmers, United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	56.2	38.4	36.7	30.0	39.8	42.5	43.7	47.0	46.6	45.8	44.6	42.5	40.7
1929.....	42.9	42.7	44.1	44.8	43.1	43.6	43.0	43.0	41.4	42.4	40.9	39.3	41.8
1930.....	33.1	35.7	36.1	34.7	31.5	32.3	31.1	30.7	30.1	30.2	28.6	26.1	32.2
1931.....	23.3	19.8	20.0	20.1	23.2	23.0	22.7	22.8	22.8	22.8	21.8	19.8	21.3
1932.....	17.5	14.8	14.4	13.1	13.1	13.0	13.4	13.3	13.7	17.0	21.7	23.1	15.7
1933.....	39.1	32.2	32.3	27.9	31.4	31.4	32.5	34.1	33.9	32.6	32.7	38.9	33.5
1934.....	40.6	45.8	50.3	50.5	51.1	53.9	54.6	54.7	54.1	53.5	49.8	41.9	48.0
1935.....	32.2	26.9	25.8	27.0	25.8	25.5	25.9	26.6	26.7	25.4	25.1	24.3	26.3
1936.....	35.2	43.0	43.5	43.1	44.2	48.4	52.7	53.7	52.5	54.6	53.5	48.1	44.9
1937.....	42.5	28.5	29.0	28.8	28.7	29.1	30.0	30.0	29.4	28.3	27.5	25.2	30.1
1938.....	24.0	20.3	21.8	22.1	22.5	24.4	26.3	26.2	26.9	27.4	29.5	-----	21.8

¹ Preliminary.

Bureau of Agricultural Economics: based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 531.

TABLE 79.—Oats, No. 3, white: Average price per bushel of reported cash sales, Chicago, 1928-33

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Weighted average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	56	58	41	42	44	56	50	48	48	45	45	45	44
1929.....	47	43	48	47	45	45	45	44	43	43	41	38	45
1930.....	35	39	38	36	33	34	32	32	31	30	28	27	36
1931.....	23	21	22	23	26	25	25	24	22	23	23	21	22
1932.....	18	17	17	15	15	15	15	15	17	22	25	30	19
1933.....	39	36	35	32	34	35	37	36	33	32	35	43	36
1934.....	45	49	55	52	54	56	56	54	49	50	44	39	48
1935.....	36	29	30	30	29	29	30	28	28	27	28	29	29
1936.....	37	44	44	42	46	50	54	51	51	54	52	48	43
1937.....	39	30	32	32	32	32	33	33	32	31	29	28	32
1938.....	26	24	27	25	26	29	31	30	31	32	-----	-----	-----

Bureau of Agricultural Economics. Computed by weighting selling price by number of carlots sold, as reported in Chicago Daily Trade Bulletin.
Data for 1899-1923 available in 1924 Yearbook, table 94; for 1924-27 in 1934 Yearbook, table 69.

TABLE 80.—Oats, No. 3, Canada Western: Average spot price per bushel, Winnipeg, 1928-33

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	46.5	49.1	50.2	50.1	48.7	54.8	59.0	52.2	48.8	44.5	45.1	56.5	50.5
1929.....	60.5	61.1	58.3	55.2	53.5	48.8	47.5	44.1	45.6	44.1	42.0	38.4	49.9
1930.....	35.1	28.7	28.4	23.8	22.3	21.6	23.2	23.2	23.5	24.2	25.2	24.8	25.3
1931.....	22.7	21.9	23.6	25.7	21.0	21.6	22.5	23.1	25.3	27.1	26.1	26.4	23.9
1932.....	22.7	19.3	17.9	17.8	15.0	17.9	17.1	17.1	18.0	21.6	22.8	32.7	20.0
1933.....	32.1	28.4	24.2	25.8	25.4	29.4	29.6	29.5	28.5	30.1	33.8	37.9	29.6
1934.....	39.4	41.2	36.9	38.3	37.5	36.3	34.3	32.9	35.3	35.5	34.6	37.5	36.6
1935.....	31.4	29.4	26.0	25.9	24.6	27.1	28.0	28.3	28.0	27.4	27.4	35.4	28.2
1936.....	42.2	39.3	38.9	40.6	44.4	48.9	50.0	51.6	53.9	51.2	52.5	57.5	47.6
1937.....	46.7	46.9	46.8	45.3	43.0	46.5	45.3	43.0	42.4	40.2	36.0	-----	43.8
1938.....	27.8	24.9	23.8	23.8	23.9	25.0	24.8	24.7	24.8	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled in Canadian cents per bushel of 34 pounds, as follows: August 1928-July 1934, Report of the Grain Trade of Canada, Ottawa, annual; August 1934 to date, Canadian Grain Statistics, Ottawa, weekly. Averages of daily cash closing prices, in store at Fort William and Port Arthur.

Price series converted to United States cents per bushel of 32 pounds at current monthly rates of exchange as reported by the Federal Reserve Board (converted at par prior to December 1928).

TABLE 81.—Oats: Volume of trading in futures at all markets, by months and crop years, 1928-33¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.
1928.....	73	86	55	40	49	43	64	45	67	68	58	44	692
1929.....	152	143	108	79	107	65	40	49	45	62	43	51	945
1930.....	53	175	103	76	110	87	37	35	32	68	30	36	841
1931.....	41	54	38	38	62	28	12	16	18	36	19	20	382
1932.....	27	53	22	21	37	13	7	7	13	62	65	243	671
1933.....	261	165	106	149	121	67	44	32	51	125	163	171	1,457
1934.....	96	158	85	71	54	65	53	32	50	69	61	53	837
1935.....	64	115	80	45	47	40	17	15	32	72	36	83	655
1936.....	290	198	65	59	97	146	130	85	107	179	101	99	1,596
1937.....	101	76	46	36	26	17	15	8	14	34	24	20	417
1938.....	28	46	27	15	21	21	17	11	13	22	-----	-----	-----

¹ Grain exchanges fulfilling conditions of the Commodity Exchange Act respecting location, facilities, and rules and which have been designated "contract markets" by the Secretary of Agriculture. Trading in grain futures on exchanges in the United States is limited by the act to contract markets. Contract markets conducting trading in oats futures are shown in table 82.

Commodity Exchange Administration.

TABLE 82.—Oats: Volume of trading in futures at contract markets, by markets and crop years, 1928-37

Year beginning July	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Chamber of Commerce	Milwaukee Grain and Stock Exchange	Kansas City Board of Trade	St. Louis Merchants Exchange
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1928.....	611.1	4.7	68.8	7.8	-----	-----
1929.....	813.6	6.1	115.8	10.1	-----	-----
1930.....	740.7	5.0	88.2	7.6	0.2	-----
1931.....	328.8	1.9	45.0	6.3	(1)	-----
1932.....	510.2	1.2	56.1	5.2	-----	-----
1933.....	1,314.3	7.0	127.4	8.3	-----	-----
1934.....	752.4	6.0	73.8	4.7	-----	-----
1935.....	554.3	2.7	88.5	3.7	5.4	(1)
1936.....	1,312.0	7.5	174.7	7.2	4.8	0.3
1937.....	353.4	1.5	60.8	1.7	.1	(1)

¹ Less than 50,000 bushels.

Commodity Exchange Administration.

TABLE 83.—Oats: Open contracts in all futures combined, Chicago Board of Trade, semimonthly, Jan. 15, 1928-Dec. 31, 1938

Date	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
Jan. 15.....	37	23	39	37	18	20	59	27	42	45	21
Jan. 31.....	38	27	37	36	18	19	59	26	41	46	20
Feb. 15.....	37	26	36	35	18	20	58	24	40	48	19
Feb. 28.....	36	26	33	33	19	19	57	23	38	46	19
Mar. 15.....	34	27	31	30	19	18	57	23	39	45	18
Mar. 31.....	33	28	28	27	17	16	54	21	40	45	18
Apr. 15.....	34	26	26	24	16	16	48	19	40	44	16
Apr. 30.....	35	22	22	17	14	20	43	15	35	35	12
May 15.....	33	20	18	14	11	24	39	15	30	25	10
May 31.....	24	15	15	13	10	25	38	14	31	20	9
June 15.....	23	15	15	13	10	34	41	18	32	19	9
June 30.....	23	16	15	15	9	44	39	19	35	18	9
July 15.....	24	21	15	14	10	50	37	23	35	18	10
July 31.....	22	36	22	17	15	47	35	24	52	21	12
Aug. 15.....	27	41	37	19	21	54	35	32	60	29	16
Aug. 31.....	30	45	45	20	25	55	35	45	59	31	17
Sept. 15.....	30	46	48	21	26	59	34	48	57	32	17
Sept. 30.....	28	47	48	22	27	61	34	46	55	30	17
Oct. 15.....	29	49	51	22	26	61	34	48	54	31	16
Oct. 31.....	30	47	52	23	25	59	33	50	51	27	17
Nov. 15.....	30	44	48	23	26	60	32	51	48	26	16
Nov. 30.....	30	43	46	22	23	60	30	47	45	25	14
Dec. 15.....	29	41	42	20	21	60	30	44	43	24	14
Dec. 31.....	25	39	39	18	20	58	30	43	44	21	13

Commodity Exchange Administration.

The maximum open contracts in Chicago oats futures during period shown were 63,095,000 bushels, Oct. 5, 1933; the minimum open contracts were 8,635,000 bushels, July 6, 1932.

TABLE 84.—Oats, including oatmeal in terms of grain: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Argentina.....	31,397	121	37,877	91	25,944	63	12,110	78	27,796	92
Canada.....	20,029	2,601	12,503	1,295	17,318	15	11,964	352	7,710	5,472
United States.....	19,447	204	3,318	227	1,270	10,139	1,273	162	7,670	58
Chile.....	4,013	2	3,145	0	3,236	0	3,655	0	4,171	0
Czechoslovakia.....	3,404	1,544	3,769	188	417	4	1,369	40	2,527	8
Ireland.....	3,403	1,799	451	1,214	6	13	9	0	3	10
Rumania.....	3,166	2	2,890	0	1,144	0	1,174	0	1,211	0
Poland.....	2,065	2,400	1,439	45	6,199	0	6,768	1	1,872	0
Hungary.....	2,011	58	922	90	2	0	637	0	228	0
Union of Soviet Socialist Republics ²	1,776	0	13,528	0	10,778	0	3,610	0	425	0
Algeria.....	1,725	589	1,452	608	309	339	2,835	113	377	855
Tunisia.....	1,475	75	979	19	1,055	1	194	11	810	0
Yugoslavia.....	495	48	213	85	401	3	9	0	503	0
Union of South Africa.....	241	180	73	131	54	75	89	81	306	93
Total.....	94,647	9,626	82,259	3,993	68,133	10,652	45,710	844	55,754	6,588
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	1,728	29,486	949	27,671	271	14,853	308	10,695	354	7,120
Germany.....	15,958	17,841	6,960	1,917	7	12,440	2	1,049	2	4,198
Switzerland.....	4	10,358	11	14,989	5	13,934	6	12,346	7	14,019
Belgium.....	42	8,134	50	5,329	4	1,757	8	3,188	16	3,312
Italy.....	14	7,458	1	10,259	0	13,085	14	6,606	61	1,526
Netherlands.....	398	7,149	368	7,538	202	2,641	2,735	1,114	2,331	3,183
France.....	681	6,835	177	4,750	89	1,218	25	3,927	19	5,430
Austria.....	9	5,710	6	4,030	2	1,552	2	1,860	2	2,364
Sweden.....	927	3,041	396	2,835	137	427	811	578	184	2,407
Denmark.....	274	2,372	451	3,394	1,253	1,789	896	2,088	978	3,296
Finland.....	26	1,918	25	954	4	437	0	2,079	1	450
Cuba.....	0	1,242	0	398	0	108	0	107	0	-----
Latvia.....	43	1,198	113	53	0	0	407	1	0	33
Norway.....	41	833	25	255	15	204	12	18	21	415
Estonia.....	1	685	0	168	49	0	0	197	0	344
Australia ³	183	270	280	20	820	10	457	10	513	17
Total.....	20,329	104,510	9,812	84,560	2,838	64,555	5,323	45,865	4,480	48,114

¹ Preliminary.² Beginning 1934, imports for consumption.³ International Yearbook of Agricultural Statistics.⁴ Accounts Relating to the Trade and Commerce of Certain Foreign Countries and British Countries Overseas.⁵ 3-year average.⁶ Year ended June 30.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 85.—Barley: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel at Chicago, year beginning August ²	Foreign trade, including barley flour, and malt, year beginning July ³			
							Domestic exports ⁴	Imports ⁵	Net balance ⁶	
									Total	Percentage of production
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1866	754	24.0	18,095	95.2	17,231	-----	-----	3,247	-2,577	-----
1867	1,058	22.5	23,850	121.8	29,060	-----	10	3,784	-3,774	-----
1868	1,064	21.8	23,200	140.0	34,560	-----	59	5,070	-5,011	-----
1869	-----	-----	29,761	-----	-----	-----	-----	-----	-----	-----
1869	1,238	23.5	29,099	87.2	25,386	48	255	6,728	-6,472	-----
1870	1,331	21.8	29,047	85.3	24,764	46	340	4,867	-4,502	-----
1871	1,349	20.5	27,690	77.1	21,343	49	87	5,566	-5,467	-----
1872	1,421	22.5	32,005	73.8	23,623	55	482	4,498	-3,997	-----
1873	1,473	20.7	30,536	96.3	29,392	111	320	5,114	-4,794	-----
1874	1,628	22.2	36,125	96.2	34,753	102	91	6,386	-6,298	-----
1875	1,702	19.3	32,812	85.6	28,090	51	318	10,547	-10,208	-----
1876	1,973	20.6	40,711	68.5	27,894	39	1,186	6,989	-5,752	-----
1877	1,962	20.0	39,173	63.3	24,780	37	3,922	7,267	-2,574	-----
1878	1,848	20.3	37,448	58.4	21,861	40	716	6,210	-5,398	-----
1879	1,998	22.0	43,897	-----	-----	-----	-----	-----	-----	-----
1879	1,926	22.0	42,369	59.9	25,359	50	1,134	8,066	-6,915	-----
1880	1,990	22.7	45,261	66.3	30,011	74	893	10,152	-9,259	-----
1881	2,201	22.3	48,984	81.9	40,100	86	218	13,217	-12,999	-----
1882	2,434	24.7	60,072	63.1	37,903	54	454	11,284	-10,818	-----
1883	2,474	23.1	57,126	58.9	33,632	147	760	8,738	-7,977	-----
1884	2,694	25.2	67,919	48.3	32,816	142	667	10,331	-9,658	-----
1885	2,962	22.3	65,963	55.7	35,642	142	301	10,491	-10,175	-----
1886	3,027	24.3	73,503	53.1	39,042	145	1,349	10,546	-9,156	-----
1887	3,258	22.2	72,395	62.0	37,612	63	632	11,029	-10,392	-----
1888	3,283	23.1	75,980	59.1	44,883	53	1,511	11,505	-9,994	-----
1889	3,352	24.1	80,790	41.5	33,508	42	1,486	11,530	-10,035	-----
1890	3,250	21.5	69,880	62.1	43,422	66	1,065	5,191	-3,825	-----
1891	3,590	26.2	94,160	52.2	49,182	50	2,893	3,151	-247	0.3
1892	3,857	24.7	95,170	46.6	44,388	50	3,139	1,973	+1,207	1.3
1893	3,689	23.6	87,109	40.2	35,009	48	5,301	796	+4,536	5.2
1894	3,639	20.4	74,211	43.7	32,438	51	1,711	2,127	-405	-----
1895	4,185	25.0	104,475	32.8	34,280	31	7,862	942	+7,036	6.7
1896	4,131	23.6	97,479	29.6	28,888	30	20,294	1,282	+19,021	19.5
1897	4,120	24.9	102,575	34.3	35,212	40	11,607	129	+11,478	11.2
1898	4,113	23.9	96,174	38.9	38,169	45	2,679	119	+2,566	2.6
1899	4,470	26.8	119,635	-----	-----	-----	-----	-----	-----	-----
1899	4,472	26.4	118,161	38.8	45,847	43	23,931	104	+23,759	20.1
1900	4,703	20.5	96,588	40.7	39,309	56	6,619	175	+6,445	6.7
1901	4,963	24.9	123,800	45.4	56,202	64	9,079	60	+9,019	7.3
1902	5,474	26.7	146,207	45.3	66,262	66	8,745	59	+8,686	5.9
1903	6,231	24.0	149,335	44.7	66,783	56	7,250	94	+7,157	7.5
1904	6,279	25.2	166,103	41.2	68,453	49	11,105	84	+11,021	6.6
1905	6,658	25.8	171,639	39.4	67,646	50	18,531	20	+18,510	10.8
1906	6,744	26.6	179,148	41.8	74,867	61	8,616	41	+8,632	4.8
1907	6,854	22.0	150,584	66.5	100,192	84	4,554	202	+4,370	2.9
1908	7,409	23.1	170,780	56.6	96,691	67	6,729	4	+6,725	3.9
1909	7,699	22.6	175,344	-----	-----	-----	-----	-----	-----	-----
1909	7,697	22.5	173,069	55.8	96,656	67	4,454	5	+4,449	2.6
1910	7,546	18.9	142,419	60.7	86,482	92	9,507	157	+9,320	6.5
1911	7,613	19.1	145,074	82.5	119,699	122	1,655	2,772	-1,117	-----
1912	7,542	26.1	196,927	50.9	100,290	68	17,874	15	+17,859	9.1
1913	7,673	20.7	158,820	52.5	83,405	65	6,945	351	+6,594	4.2
1914	7,653	23.2	177,712	53.7	95,392	72	28,712	103	+28,609	16.1
1915	7,279	28.4	206,976	52.0	107,718	69	30,821	37	+30,783	14.9
1916	7,623	20.9	159,157	80.4	127,982	119	20,319	461	+19,858	12.5
1917	8,453	21.6	182,209	123.2	224,466	146	28,717	517	+28,200	15.5
1918	9,198	24.5	225,067	95.1	214,063	104	29,324	24	+29,301	13.0
1919	6,478	18.9	124,046	-----	-----	-----	-----	-----	-----	-----
1919	6,479	19.9	131,066	124.4	163,045	145	34,691	335	+34,356	26.2
1920	7,439	23.0	171,042	84.4	144,276	78	27,255	20	+27,234	15.9
1921	7,074	18.8	132,702	47.8	63,471	61	27,546	8	+27,538	20.8
1922	6,601	23.2	152,908	49.9	76,314	65	21,909	38	+21,871	14.3
1923	7,151	22.2	158,994	54.6	86,868	72	13,913	55	+13,858	8.7

See footnotes at end of table.

TABLE 85.—*Barley: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued*

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel at Chicago, year beginning August ²	Foreign trade, including barley flour, and malt, year beginning July ³			
							Domestic exports ⁴	Imports ⁵	Net balance ⁶	
									Total	Percentage of production
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1864.....	6,767	\$8.5	159,139							
1924.....	7,038	23.5	165,318	74.2	122,690	90	28,543	48	+28,495	17.2
1925.....	8,186	23.5	192,466	61.4	118,191	72	30,448	53	+30,395	15.8
1926.....	7,917	21.0	166,030	57.9	96,071	77	19,055	49	+19,005	11.8
1927.....	9,465	25.3	239,071	68.9	164,775	91	39,274	45	+39,230	16.4
1928.....	12,735	25.8	328,351	56.8	186,485	60	60,295	45	+60,249	18.3
1869.....	18,891	\$0.4	\$83,590							
1929.....	13,526	20.7	279,924	53.9	150,782	62	24,054	41	+24,013	8.6
1930.....	12,595	23.8	300,205	40.5	121,609	54	11,443	1,413	+10,030	3.3
1931.....	11,189	17.8	199,391	32.8	65,306	40	5,469	1,509	+3,960	2.0
1932.....	13,178	22.6	298,313	22.1	65,960	38	9,399	1,406	+7,993	2.7
1933.....	9,687	15.9	153,767	43.5	66,879	72	6,111	4,560	+1,551	1.0
1854.....	6,199	17.8	110,042							
1934.....	6,533	17.8	116,680		79,994	105	4,126	18,239	-14,113	
1935.....	12,371	23.1	285,774	37.8	107,997	68	9,926	7,885	+2,041	.7
1936.....	8,372	17.6	147,475	78.4	115,681	120	5,269	28,763	-23,494	
1937.....	9,968	22.1	220,327	54.0	118,994	78	17,776	5,853	+11,923	5.4
1938 ⁷	10,513	24.0	252,139	37.3	94,153					

¹ Prior to 1908 prices are as of Dec. 1.² From Bureau of Labor Statistics, wholesale price bulletins—monthly quotations, August 1919–September 1927, Fair to Good malting. Beginning October 1927, grade reported as feeding, but as quality remained unchanged, no change was made in comparative prices; beginning August 1934 price changed to barley, No. 2 malting, at Minneapolis.³ Compiled from Commerce and Navigation of the United States, 1866–1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919–26; January and June issues, 1927–38; and official records of the Bureau of Foreign and Domestic Commerce. Malt converted to terms of barley on the basis that 1.1 bushels of malt is the product of 1 bushel of barley. Barley flour converted on the basis that 1 barrel of flour is the product of 9 bushels of barley.⁴ Malt not reported prior to 1869, reported in value only 1869–79. Barley flour not reported prior to 1918.⁵ Barley—general imports 1866–1908, imports for consumption 1909–38. Malt not reported prior to 1870; reported in value only 1870–72. General imports 1870–1913; imports for consumption 1914–38. Flour not reported prior to 1914; imports for consumption 1915–38.⁶ The difference between total exports (i. e., domestic exports plus reexports) and total imports. Net exports indicated by +, net imports indicated by —.⁷ Less than 30 weeks reported.⁸ Average for 11 months.⁹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 86.—Barley: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938

State and division	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents
Maine.....	4	4	4	29.1	28.0	29.0	111	112	116	72	71
Vermont.....	4	5	5	28.6	24.0	29.0	103	120	145	76	64
New York.....	173	133	146	24.2	23.0	29.5	4,216	3,069	4,307	61	48
New Jersey.....	1	1	2	27.8	30.0	31.0	28	30	62	66	50
Pennsylvania.....	53	63	69	25.0	29.0	29.5	1,334	1,827	2,036	65	49
North Atlantic.....	235	206	226	24.7	25.0	29.5	5,792	5,148	6,666	63.1	49.1
Ohio.....	95	32	28	23.4	25.0	25.0	2,353	800	700	64	42
Indiana.....	36	27	25	19.8	24.0	25.0	737	648	600	59	43
Illinois.....	369	125	155	25.0	27.5	30.0	8,174	3,438	4,650	66	44
Michigan.....	224	202	166	22.9	22.5	27.5	5,144	4,545	4,565	59	48
Wisconsin.....	760	847	771	27.9	26.0	31.5	20,980	22,022	24,286	63	54
Minnesota.....	1,929	2,021	1,960	22.0	25.5	24.5	42,917	51,536	48,020	52	37
Iowa.....	548	389	447	24.3	32.0	29.0	13,846	12,448	12,963	50	35
Missouri.....	27	124	102	17.4	18.5	19.0	464	2,294	1,938	67	42
North Dakota.....	1,905	1,280	1,254	15.2	16.5	17.0	30,894	21,120	21,318	40	26
South Dakota.....	1,434	1,394	1,315	16.3	14.5	22.0	26,366	20,068	28,930	41	29
Nebraska.....	607	645	916	19.0	16.5	23.5	11,488	10,642	21,626	51	27
Kansas.....	428	298	393	14.2	11.5	17.0	6,552	3,427	6,681	56	30
North Central.....	8,304	7,374	7,532	19.8	20.7	23.4	169,884	152,968	176,077	51.2	35.6
Maryland.....	24	36	41	28.5	33.0	30.5	695	1,188	1,260	65	47
Virginia.....	30	47	55	24.8	29.0	24.0	718	1,363	1,320	72	55
West Virginia.....	4	5	5	23.8	27.0	28.0	95	135	140	68	55
North Carolina.....	16	9	10	17.8	20.0	19.0	278	180	190	85	70
South Atlantic.....	73	97	111	24.0	29.5	26.1	1,767	2,866	2,900	69.7	52.6
Kentucky.....	11	35	39	21.8	26.0	24.0	243	910	936	75	53
Tennessee.....	22	39	44	17.2	18.0	18.0	378	594	792	81	59
Oklahoma.....	86	117	180	14.4	17.5	19.0	1,253	2,048	3,420	61	36
Texas.....	189	107	130	15.8	16.5	17.0	2,612	1,766	2,363	57	34
South Central.....	279	292	402	15.9	18.2	18.7	4,488	5,318	7,511	64.3	39.9
Montana.....	169	91	132	19.6	23.0	29.0	3,250	2,093	3,828	52	32
Idaho.....	128	103	129	33.2	36.0	36.0	4,241	3,708	4,644	51	31
Wyoming.....	82	60	66	21.4	24.0	26.0	1,732	1,440	1,716	52	38
Colorado.....	425	408	510	18.8	21.5	23.5	7,968	8,772	11,985	51	29
New Mexico.....	7	7	8	20.0	21.0	21.0	148	147	168	66	45
Arizona.....	20	20	20	30.5	29.0	31.0	602	580	896	69	49
Utah.....	39	61	62	37.5	39.0	41.0	1,472	2,379	2,542	57	38
Nevada.....	6	8	7	37.8	38.0	38.0	241	304	266	71	48
Washington.....	54	61	64	31.8	34.0	32.5	1,737	2,074	2,080	56	40
Oregon.....	85	130	136	29.4	32.0	25.0	2,485	4,160	3,400	59	44
California.....	1,070	1,050	1,102	26.9	27.0	25.0	29,090	28,350	27,550	64	47
Western.....	2,076	1,999	2,242	25.4	27.0	26.3	52,966	54,007	58,985	59.3	40.1
United States.....	10,967	9,968	10,513	21.0	22.1	24.0	234,895	220,327	252,139	54.0	37.3

¹ Preliminary.² Short-time average.

Bureau of Agricultural Economics.

TABLE 87.—*Barley: Production, world and selected countries, 1894-1938*

Year of harvest ¹	Estimated world total	Estimated European total	Selected countries								
			Soviet Union ²	United States	Germany	Hungary and Rumania	India	North Africa ³	Spain	Canada	Japan
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1894.....	1,671	824	197	74	133	80	-----	-----	57	-----	21
1895.....	1,587	755	226	104	131	79	-----	-----	47	-----	20
1896.....	1,587	784	254	97	127	96	-----	-----	35	-----	71
1897.....	1,507	721	239	103	120	65	-----	-----	46	-----	73
1898.....	1,707	873	307	98	132	91	-----	-----	73	-----	83
1899.....	1,608	763	227	118	140	69	-----	-----	54	-----	77
1900.....	1,613	782	237	97	141	71	-----	-----	57	-----	82
1901.....	1,689	813	240	124	156	77	-----	-----	80	-----	83
1902.....	1,824	933	338	146	145	90	-----	-----	81	-----	74
1903.....	1,825	953	357	149	156	98	-----	-----	64	-----	60
1904.....	1,780	861	346	166	138	64	-----	-----	54	-----	81
1905.....	1,777	881	347	172	137	92	-----	-----	46	-----	77
1906.....	1,905	943	331	179	146	106	-----	-----	90	-----	84
1907.....	1,881	949	377	151	164	85	-----	-----	54	-----	90
1908.....	1,888	941	402	171	143	72	-----	-----	70	-----	87
1909.....	2,193	1,126	502	173	164	94	-----	-----	79	55	87
1910.....	2,067	1,051	488	142	136	85	-----	-----	76	29	82
1911.....	2,111	1,046	437	145	148	102	-----	-----	87	44	86
1912.....	2,178	1,089	496	197	163	93	-----	-----	60	49	91
1913.....	2,339	1,235	600	159	172	110	-----	-----	69	48	101
1914.....	1,990	980	433	178	144	93	125	-----	72	36	86
1915.....	2,011	907	429	207	114	89	143	93	84	54	95
1916.....	1,843	812	305	160	128	84	148	87	87	43	89
1917.....	1,825	732	325	182	166	-----	156	81	78	55	89
1918.....	1,906	724	-----	225	94	45	156	102	90	77	89
1919.....	1,564	583	-----	131	77	53	130	70	82	50	95
1920.....	1,789	771	216	171	82	89	150	64	90	45	92
1921.....	1,698	675	118	133	80	66	117	94	89	60	88
1922.....	1,833	784	197	153	74	116	146	61	78	72	87
1923.....	1,999	911	262	159	108	88	148	103	112	77	71
1924.....	1,859	766	201	165	110	45	137	86	84	89	75
1925.....	2,109	947	275	192	119	72	123	102	99	87	91
1926.....	2,058	924	252	166	113	103	121	78	96	100	90
1927.....	2,032	865	206	239	126	82	119	91	92	97	84
1928.....	2,302	1,004	290	328	154	109	98	111	82	136	83
1929.....	2,418	1,131	331	280	146	157	118	112	97	102	82
1930.....	2,324	1,070	311	300	131	137	107	92	104	101	74
1931.....	2,073	928	238	199	139	87	112	104	91	67	78
1932.....	2,274	1,069	231	298	148	100	111	106	133	81	80
1933.....	2,224	1,136	300	354	159	125	110	103	100	68	69
1934.....	2,150	1,029	314	117	147	65	113	130	129	64	73
1935.....	2,342	1,073	375	286	156	68	117	94	97	84	79
1936.....	2,184	1,022	-----	147	156	104	109	114	79	72	69
1937.....	2,171	1,005	-----	220	167	68	108	85	-----	83	72
1938 ¹⁰	2,381	1,060	-----	252	192	69	-----	90	-----	102	64

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus for 1937 the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest which begins late in 1937 and ends early in 1938.

² Through 1913 estimates are for the total Russian Empire.

³ Morocco, Algeria, Tunisia, and Egypt.

⁴ Total Russian Empire, exclusive of the 10 Vistula Provinces of Russian Poland and the Province of Batum in Transcaucasia.

⁵ Exclusive of Russian Poland, Lithuania, parts of present Latvia and the Ukraine, and the Provinces of Batum and Elizabetpol, in Transcaucasia.

⁶ Beginning this year, estimates for the present territory of the Soviet Union, exclusive of Turkestan, Transcaucasia, and the Far East, which territory in 1924 produced 20,897,000 bushels.

⁷ Beginning this year, production in present boundaries, and therefore not comparable with that of earlier years.

⁸ Beginning this year weighed bushels, those reported for the earlier years being measured bushels.

⁹ Official estimates, but figures may not be strictly comparable with those for previous years.

¹⁰ Preliminary.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 88.—Barley: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1925-34, annual 1936-38

Country	Acreage			Yield per acre				Production			
	Average 1925-29	1936	1937	Average 1925-29	1936	1937	1938	Average 1930-34	1936	1937	1938
					Bushels	Bushels	Bushels				
NORTHERN HEMISPHERE											
North America:											
Canada:	4,297	3,944	4,438	4,331	4,454	4,331	4,454	104,549	75,202	83,124	102,242
United States:	10,366	10,640	8,372	9,968	10,513	10,513	10,513	213,671	147,475	220,327	252,139
Mexico:	430	387	344	8.9	9.8	9.9	9.9	3,815	3,895	3,380	1,000
Estimated North American total:	15,193	15,000	13,100	14,700	15,300	15,300	15,300	357,000	293,000	308,000	359,000
Europe:											
England and Wales:	1,164	924	819	823	885	885	885	44,844	33,925	30,940	37,473
Ireland:	121	84	72	81	90	90	90	3,565	3,080	2,687	4,573
Scotland:	131	119	130	131	118	118	118	5,555	5,707	5,489	5,142
Norway:	143	140	149	149	148	148	148	4,893	5,273	5,933	5,721
Sweden:	350	284	257	255	273	273	273	10,103	9,197	9,489	11,896
Denmark:	896	875	911	911	952	952	952	41,541	41,254	39,496	62,466
Netherlands:	71	94	106	116	95.2	95.2	95.2	3,322	3,608	3,744	6,068
Belgium:	1,776	1,806	1,837	1,837	1,837	1,837	1,837	48,057	45,996	46,092	58,447
France:	4,455	4,082	4,527	4,527	4,527	4,527	4,527	111,337	78,321	1,822	1,822
Spain:	181	173	193	180	180	180	180	1,814	1,603	1,603	1,603
Italy:	575	559	482	483	492	492	492	10,079	8,845	10,716	11,379
Germany:	3,696	3,915	4,041	4,041	3,915	3,915	3,915	131,607	144,815	156,117	167,081
Austria:	371	421	403	397	409	409	409	12,729	12,773	11,469	14,008
Czechoslovakia:	1,769	1,704	1,595	1,598	1,631	1,631	1,631	50,535	46,796	45,796	58,640
Greece:	2,831	3,011	3,011	3,011	3,011	3,011	3,011	6,216	6,216	6,216	6,216
Poland:	448	430	430	430	430	430	430	59,027	64,375	62,630	45,933
Lithuania:	448	430	430	430	430	430	430	9,243	11,663	10,790	12,348
Latvia:	448	430	430	430	430	430	430	7,125	9,044	7,580	10,584
Estonia:	285	267	250	250	250	250	250	7,125	9,044	7,580	10,584
Finland:	273	306	320	299	301	301	301	5,085	3,989	3,717	4,443
Union of Soviet Socialist Republics:	17,725	18,219	21,635	21,574	20,615	20,615	20,615	6,487	8,506	8,082	9,140
								264,740	290,850		

TABLE 89.—*Barley: Production and farm disposition, United States, 1909-37*

Crop of—	Production	Sold	Feed and seed ¹	Crop of—	Production	Sold	Feed and seed ¹
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>		<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1909.....	173,069	90,126	82,943	1924.....	165,318	68,867	96,451
1910.....	142,419	73,935	68,484	1925.....	192,466	74,236	118,230
1911.....	145,074	81,013	64,061	1926.....	166,030	50,870	115,160
1912.....	196,927	103,738	93,189	1927.....	239,071	79,469	159,602
1913.....	158,820	77,386	81,434	1928.....	328,351	108,701	219,650
1914.....	177,712	85,470	92,242	1929.....	278,924	76,744	203,180
1915.....	206,976	94,059	112,917	1930.....	300,205	79,602	220,603
1916.....	159,157	69,227	89,930	1931.....	199,391	36,771	162,620
1917.....	182,209	75,099	107,110	1932.....	298,313	75,005	223,308
1918.....	225,067	89,240	135,827	1933.....	153,767	45,450	108,317
1919.....	131,066	49,712	81,374	1934.....	116,680	39,815	76,865
1920.....	171,042	68,507	102,535	1935.....	285,774	98,615	187,159
1921.....	132,702	53,127	79,575	1936.....	147,475	52,323	95,152
1922.....	152,908	61,685	91,223	1937 ²	220,327	87,677	132,650
1923.....	158,994	62,840	96,154				

¹ Relates to quantities used by producers on their own farms. Additional quantities of purchased barley are so utilized.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 90.—*Barley: Receipts graded by licensed inspectors, all inspection points, by months, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	3,838	18,953	15,737	15,651	9,204	7,451	4,633	4,009	4,289	4,756	5,851	4,494	98,866
1929.....	6,803	12,773	5,713	4,236	2,561	2,712	1,987	2,407	2,105	1,966	1,866	1,929	47,058
1930.....	2,205	8,553	8,539	4,354	3,117	2,452	1,785	1,480	2,184	2,822	3,892	2,264	43,647
1931.....	1,855	3,430	3,189	3,571	1,894	1,454	1,229	1,182	1,331	1,364	1,172	913	22,884
1932.....	1,328	4,762	3,257	2,504	1,934	1,979	1,389	1,259	1,249	3,327	5,271	3,337	31,596
1933.....	4,054	4,000	4,413	2,706	2,152	1,974	2,943	2,114	2,449	2,019	2,419	2,728	33,971
1934 ¹	2,489	6,210	5,911	3,905	3,852	2,936	1,621	1,316	1,713	1,897	2,286	1,664	35,800
1935.....	1,243	6,952	10,802	7,274	5,213	4,099	4,567	2,917	5,732	4,404	4,057	4,508	61,768
1936.....	4,552	11,267	7,223	6,902	3,260	2,738	2,261	2,542	1,950	2,885	2,445	2,090	40,815
1937.....	1,471	9,400	9,113	6,625	6,240	4,539	5,807	4,197	3,615	2,676	2,751	1,799	58,233
1938.....	2,989	12,200	7,118	6,677	3,714	4,217	4,277	2,774	4,084	2,673	-----	-----	-----

¹ Revised standards effective July 2, 1934.

Bureau of Agricultural Economics.

TABLE 91.—*Barley: Receipts graded by licensed inspectors, all inspection points, total of all classes under each grade, 1928-37*

Year beginning July	Grade											Total
	Choice No. 1	No. 1	Choice No. 2	Special No. 2	No. 2	Choice No. 3	No. 3	No. 4	No. 5	No. 1 feed	Sam-ple	
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	329	966	100	13,128	20,900	392	25,264	20,129	135	6,502	11,021	98,866
1929.....	223	700	50	9,966	5,800	315	13,907	7,269	102	3,602	5,124	47,058
1930.....	261	1,453	176	11,629	7,067	249	12,489	6,305	127	2,034	1,927	43,647
1931.....	142	568	35	6,014	2,410	130	8,958	2,743	146	865	873	22,884
1932.....	530	794	80	13,111	1,551	152	8,601	1,639	80	301	4,817	31,596
1933.....	598	959	130	14,394	2,670	239	9,693	1,620	100	805	2,765	33,971
1934 ¹	14,479	-----	-----	-----	10,163	-----	7,742	1,335	657	-----	1,424	35,800
1935.....	6,166	-----	-----	-----	7,228	-----	23,578	11,919	9,427	-----	3,450	61,768
1936.....	12,468	-----	-----	-----	4,900	-----	17,646	8,639	4,077	-----	1,995	40,815
1937.....	6,492	-----	-----	-----	6,223	-----	25,794	12,662	5,556	-----	1,506	58,233

¹ Revised standards, effective July 2, 1934, comprise 5 numerical grades.

Bureau of Agricultural Economics.

TABLE 92.—Barley: Commercial stocks, 1928-33

DOMESTIC BARLEY IN UNITED STATES¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	2,801	3,467	9,318	10,681	11,067	11,744	10,926	11,985	11,399	9,998	8,412	7,373
1929.....	6,861	8,803	12,894	12,563	12,721	11,700	11,866	10,961	10,415	9,726	8,137	6,843
1930.....	6,366	6,746	10,945	16,084	15,018	14,637	13,987	14,261	12,279	9,464	7,319	6,232
1931.....	6,826	6,568	7,093	7,211	7,355	7,124	6,164	5,710	5,185	4,179	3,732	2,848
1932.....	2,793	5,440	6,651	8,976	9,380	9,862	10,245	10,415	10,121	9,848	9,599	12,181
1933.....	13,417	14,987	17,675	19,376	20,176	19,938	18,291	17,236	16,123	14,535	13,010	11,322
1934.....	10,633	9,945	13,264	17,744	17,531	19,164	18,290	16,406	14,255	11,757	9,163	1,100
1935.....	6,102	5,234	8,635	13,918	18,436	18,245	17,779	16,970	15,281	14,222	12,913	11,822
1936.....	10,141	9,850	15,343	17,732	20,012	20,541	17,639	14,990	13,703	11,148	8,448	5,873
1937.....	4,709	5,227	11,634	13,473	13,368	12,768	11,733	11,759	11,524	9,819	7,998	5,010
1938.....	5,771	7,885	15,096	17,025	18,924	16,187	15,015	13,752	11,726	10,182	8,876	-----

UNITED STATES BARLEY IN CANADA²

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	20	0	767	4,171	5,599	2,319	1,144	202	173	170	81	92
1929.....	659	279	246	1,341	1,749	955	955	937	938	936	993	963
1930.....	937	797	652	580	444	371	338	309	291	264	243	68
1931.....	45	45	24	24	24	24	25	25	25	25	25	77
1932.....	6	1	130	114	111	21	21	21	21	21	21	21
1933.....	21	0	0	0	0	0	0	0	0	0	0	0
1934.....	0	0	0	0	0	0	0	0	0	0	0	0
1935.....	0	0	0	0	0	0	0	0	0	0	0	49
1936.....	0	0	0	0	0	0	0	0	0	0	0	0
1937.....	0	0	319	168	88	0	0	0	0	0	240	220
1938.....	122	135	110	675	887	0	0	0	0	0	0	-----

CANADIAN BARLEY IN CANADA³

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	2,895	1,452	1,356	9,010	14,134	13,419	16,926	16,393	17,488	18,317	13,305	11,003
1929.....	8,664	6,997	8,285	18,101	22,701	25,027	26,495	25,989	24,685	23,422	21,507	20,827
1930.....	20,065	18,021	20,035	28,459	31,047	30,045	30,021	28,162	28,259	26,798	23,053	14,886
1931.....	11,158	10,142	8,468	11,394	11,270	9,633	9,970	9,878	9,631	9,620	7,949	5,180
1932.....	4,344	3,627	3,293	8,786	5,328	6,024	6,772	6,776	6,679	6,802	6,505	6,291
1933.....	6,952	7,733	8,917	10,679	11,940	11,868	11,605	11,045	10,808	10,536	9,801	9,211
1934.....	9,060	9,048	9,764	13,140	14,013	11,614	10,888	10,505	10,075	9,560	8,382	6,295
1935.....	5,026	3,395	3,609	7,637	10,195	9,054	9,145	8,817	8,371	8,951	8,617	7,100
1936.....	5,755	5,235	9,636	14,173	14,813	11,919	9,043	8,874	8,934	8,512	6,705	5,493
1937.....	4,435	2,564	7,901	12,688	12,461	11,168	10,081	9,735	9,958	8,866	8,164	6,020
1938.....	4,916	3,313	7,993	10,277	9,744	7,121	7,673	6,564	-----	-----	-----	-----

CANADIAN BARLEY IN UNITED STATES⁴

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	278	409	249	1,751	2,959	4,778	6,210	4,731	3,232	2,259	2,523	3,315
1929.....	2,110	2,277	1,711	1,654	1,999	2,637	2,818	3,006	2,928	2,781	2,715	2,376
1930.....	2,376	1,839	1,300	898	832	1,561	1,329	1,274	1,267	754	764	627
1931.....	163	119	3	4	4	649	1,687	1,587	1,552	1,479	1,272	283
1932.....	57	1	2	27	46	0	0	0	0	0	0	0
1933.....	0	0	0	0	0	0	0	0	0	0	0	0
1934.....	0	1	259	412	606	888	1,682	1,240	1,161	1,188	188	263
1935.....	243	459	225	124	113	0	34	21	21	0	0	0
1936.....	0	389	671	1,215	2,269	3,305	5,808	5,349	4,630	2,741	2,007	1,183
1937.....	354	481	256	306	295	165	145	145	165	115	51	0
1938.....	0	0	0	52	178	31	1	0	0	0	0	-----

¹ Domestic barley in store in public and private elevators in 39 markets and barley afloat in vessels or barges in harbors of lake and seaboard ports, Saturday nearest the 1st of the month.

² United States barley in store at 15 Canadian points or afloat in vessels or barges in harbors of lake and seaboard ports, Friday nearest the 1st of the month.

³ Canadian barley in Canada exclusive of farm stocks, Friday nearest the 1st of the month.

⁴ Canadian barley in store and afloat at 16 United States lake and seaboard ports, Saturday nearest the 1st of the month.

Bureau of Agricultural Economics. United States and Canadian barley in Canada from Canadian Bureau of Statistics.

TABLE 93.—*Barley: Supply and distribution in the United States, 1926-38*

Year	Carry-over			Production	Total supply	Net exports ¹	Domestic disappearance
	Farm	Market	Total				
Year beginning August:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1926.....	8,730	12,299	11,029	166,030	177,059	20,512	149,961
1927.....	3,478	3,108	6,586	239,071	245,657	38,967	196,169
1928.....	7,054	3,467	10,521	328,351	332,872	62,172	251,586
1929.....	16,046	8,798	24,844	279,924	304,768	20,630	265,729
1930.....	11,663	6,746	18,409	300,205	318,614	11,510	287,267
1931.....	13,269	6,568	19,837	199,391	219,228	4,090	205,759
1932.....	5,939	3,440	9,379	298,313	307,692	9,423	268,036
1933.....	15,646	14,587	30,233	153,767	184,000	4,932	142,809
Year beginning June:							
1934.....	24,937	11,322	36,259	116,680	152,939	² 13,415	144,386
1935.....	13,868	8,100	21,968	285,774	307,742	690	230,861
1936.....	64,369	11,822	76,191	147,475	223,666	² 20,815	217,300
1937.....	21,308	5,873	27,181	220,327	247,508	13,031	197,744
1938.....	31,486	5,247	36,733	252,139	288,872		

¹ Compiled from reports of the Bureau of Foreign and Domestic Commerce.² Bradstreet's visible.³ Net imports.

Bureau of Agricultural Economics.

TABLE 94.—*Barley: Average price per bushel received by farmers, United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	77.6	58.9	54.1	55.2	54.5	55.0	56.2	60.5	60.1	58.0	55.3	52.7	56.8
1929.....	55.6	55.8	55.2	54.7	53.8	54.6	53.9	52.5	51.4	51.7	50.5	47.5	53.9
1930.....	40.0	43.6	45.3	41.9	38.3	38.8	36.6	35.3	34.4	35.2	35.5	32.6	40.5
1931.....	30.0	28.9	30.9	31.6	35.7	35.7	35.7	35.8	37.2	37.1	33.7	28.7	32.8
1932.....	24.6	21.1	20.1	18.2	20.1	19.3	18.4	17.9	18.3	23.4	29.9	28.3	22.1
1933.....	47.6	40.2	42.8	40.7	41.6	40.6	43.7	44.7	43.7	42.5	42.2	50.9	43.5
1934.....	52.6	63.5	78.2	75.5	75.9	79.7	80.2	79.2	76.0	74.4	66.0	55.0	68.6
1935.....	41.2	35.1	37.3	39.4	37.8	37.5	38.6	39.6	39.7	38.6	37.1	37.0	37.8
1936.....	56.1	81.3	82.6	84.2	82.7	86.1	90.4	93.4	89.9	90.0	86.1	71.4	78.4
1937.....	64.4	52.2	52.8	52.0	50.7	50.8	54.0	54.8	52.9	50.4	49.0	42.9	54.0
1938.....	38.9	34.5	35.3	36.1	34.7	36.5	38.0	37.6	38.0	37.9	39.2	-----	¹ 37.3

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 531.

TABLE 95.—*Barley, malting grades: Average price per bushel of reported cash sales, Minneapolis, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928 ¹	65	63	63	62	62	66	70	67	65	60	60	69	65
1929 ¹	62	63	59	60	60	58	57	56	57	56	50	48	59
1930 ¹	53	54	52	48	47	44	44	44	48	45	39	42	47
1931 ¹	45	50	50	51	51	51	52	53	51	44	35	31	48
1932 ¹	31	32	29	31	29	26	25	30	40	45	43	64	39
1933 ¹	58	69	67	63	68	71	71	70	68	72	85	91	70
1934 ¹	100	116	110	117	120	118	115	108	107	94	82	65	105
1935 ¹	60	69	65	62	66	69	71	69	71	67	70	82	68
1936 ¹	124	128	132	128	132	133	137	-----	-----	128	91	78	120
1937 ¹	72	83	79	78	78	84	84	80	-----	77	78	61	78
1938 ¹	56	56	54	56	57	60	55	55	56	-----	-----	-----	-----

¹ Special No. 2 barley, including No. 2.² Special No. 2 barley, August 1929 to June 1934.³ No. 2 Malting barley, July 1934 to end of table.

Bureau of Agricultural Economics. Computed by weighting selling prices by number of carlots sold, as reported in Minneapolis Daily Market Record. Prices 1909-27 appear in 1932 Yearbook, table 89.

TABLE 96.—*Barley, No. 3, Canada Western: Average spot price per bushel, Winnipeg, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928	68.8	66.2	70.1	68.4	66.3	72.6	77.5	74.4	71.2	66.7	69.1	83.0	71.2
1929	78.6	74.1	69.0	63.8	61.6	56.3	50.3	46.6	48.8	44.7	39.4	39.2	56.0
1930	38.9	31.6	28.2	23.4	25.0	22.1	22.1	25.1	28.3	31.0	32.7	32.1	28.4
1931	31.7	29.5	26.5	37.8	31.8	32.1	35.5	38.7	36.9	35.6	33.1	31.8	33.3
1932	30.1	26.1	23.4	26.4	24.1	24.1	22.9	24.1	26.5	31.6	34.0	47.5	28.4
1933	41.8	36.0	32.0	34.8	34.4	38.6	39.6	39.6	39.6	38.1	43.9	46.5	38.5
1934	57.9	60.1	52.7	53.2	55.5	50.5	46.7	44.3	45.5	42.3	39.1	35.4	48.6
1935	33.8	35.5	33.4	32.9	33.5	35.2	36.1	37.7	37.7	37.1	37.9	51.0	36.8
1936	59.9	58.8	61.0	62.0	76.3	83.8	83.3	81.4	74.8	71.2	66.0	71.8	70.9
1937	58.3	59.2	62.1	58.6	57.2	61.8	63.8	59.0	55.2	55.8	52.6	46.4	57.5
1938	37.9	34.0	35.5	34.1	35.5	35.9	36.0	35.4	37.0				

Bureau of Agricultural Economics. Compiled in Canadian cents per bushel of 48 pounds as follows: August 1928-July 1930, Report on the Grain Trade of Canada, Ottawa, annual; August 1930 to date, Canadian Grain Statistics, Ottawa, weekly. Averages of daily cash closing prices, in store at Fort William and Port Arthur.

Price series converted to United States cents per bushel at current monthly rates of exchange as reported by the Federal Reserve Board (converted at par prior to December 1928).

TABLE 97.—*Barley, excluding flour and malt: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
United States	32,363	0	7,472	1,480	7,507	4,840	7,377	8,144	11,473	10,384
Canada	30,801	12	10,101	3	7,921	0	18,936	0	10,881	0
Rumania	27,929	0	36,524	0	8,149	0	23,977	0	14,565	0
Union of Soviet Socialist Republics ²	13,098	0	30,462	0	26,994	0	4,829	0	10,131	0
Argentina	9,248	4	14,850	0	19,284	0	11,344	0	11,689	0
Poland	6,086	124	8,370	1	13,100	1	17,326	0	8,836	0
Morocco	5,899	186	6,984	157	5,624	0	13,575	55	1,093	453
Czechoslovakia	5,332	512	4,677	10	2,099	3	2,642	4	708	4
Algeria	4,652	813	1,992	2,601	1,096	1,363	3,532	1,456	879	273
Tunisia	4,199	320	1,802	1,030	3,845	380	466	1,891	1,563	74
Chile	2,995	0	2,052	0	1,248	0	2,236	0	2,030	0
British India	2,958	0	525	115	287	151	413	151	1,680	113
Denmark	2,840	2,748	1,923	10,975	2,629	1,150	3,100	1,684	6,480	1,464
Hungary	2,393	29	1,609	28	290	615	690	138	777	1
Bulgaria	1,615	3	1,166	0	90	0	728	0	1,045	1
Australia ³	1,376	0	2,854	1	2,893	0	3,245	0	2,685	0
Yugoslavia	790	412	334	91	248	38	90	14	528	3
Sweden	553	14	16	10	7	0	4	0	3	25
Spain	532	490	155	1	0	0	0	0	0	0
Egypt	309	226	127	193	0	44	483	21	976	0
Total	155,968	5,893	133,995	16,696	103,311	8,585	114,993	13,558	88,031	12,795
PRINCIPAL IMPORTING COUNTRIES										
Germany	302	76,868	481	32,564	3	7,277	0	2,670	0	11,106
United Kingdom	508	31,816	63	33,649	7	39,878	23	42,681	226	42,448
Netherlands	738	13,622	588	21,479	376	13,564	928	11,454	1,344	10,954
Belgium	226	13,085	2,170	19,492	703	19,331	1,324	21,071	1,472	21,266
Switzerland	0	3,229	1	6,184	0	6,064	0	4,204	1	7,157
Austria	184	2,971	12	4,482	3	2,760	3	2,116	3	1,840
France	1,085	2,811	130	12,980	3	7,808	1	15,657	15	5,756
Norway	0	1,250	0	1,212	1	561	0	696	0	1,258
Ireland	441	838	26	681	22	534	0	944	0	1,392
Greece	4	666	0	171	0	367	0	915	0	325
Italy	25	208	0	1,534	0	4,018	1	1,782	7	1,146
Total	3,513	147,364	3,461	134,428	1,118	102,159	2,280	104,190	3,068	104,648

¹ Preliminary.

² Imports for consumption, beginning 1930.

³ Accounts Relating to the Trade and Commerce of Certain Foreign Countries and British Countries Overseas.

⁴ 2-year average.

⁵ International Yearbook of Agricultural Statistics.

⁶ 3-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 98.—Flaxseed: Acreage, production, value, foreign trade, and net supply, United States, 1889-1938

Year	Acreage seeded	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Price per bushel of No. 1 flaxseed at Minneapolis, year beginning August ²	Foreign trade, including linseed oil in terms of seed, year beginning July ³			
								Exports, domestic and foreign	Imports	Net imports ⁴	Net supply
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1889	1,519	7.5	10,250					51	2,395	2,344	12,958
1889	1,344	7.9	10,614					176	1,520	1,344	20,520
1890	2,283	8.4	19,176					3,659	288	3,371	13,361
1891	2,040	8.2	16,732					1,880	115	1,765	10,042
1892	1,423	8.3	11,807					2,086	563	1,493	8,928
1893	1,287	8.1	10,421					4,199	27	4,172	14,662
1894	1,457	7.2	10,490					198	759	561	21,975
1895	2,039	10.5	21,414					4,779	107	4,672	13,066
1896	1,848	9.6	17,738					296	138	158	13,080
1897	1,365	9.7	13,238					2,874	83	2,791	15,725
1898	1,889	9.8	18,516								
1899	2,111	9.5	19,979					2,785	69	2,716	17,253
1899	2,102	9.5	19,969					1,817	1,637	1,180	14,837
1900	2,762	5.8	16,017				1.64	3,980	492	3,488	24,117
1901	3,173	8.7	27,605				1.61	4,222	137	4,085	31,905
1902	3,878	9.3	36,080				1.17	895	223	672	24,688
1903	3,180	8.0	25,360				1.05	116	305	189	22,814
1904	2,092	10.8	22,625				1.30	6,115	66	6,049	22,643
1905	2,439	11.8	28,692				1.12	6,621	96	6,425	21,210
1906	2,568	10.8	27,635				1.18	4,438	62	4,376	19,417
1907	2,699	8.8	23,793				1.18	994	605	389	20,238
1908	2,351	8.8	20,627				1.51				
1909	2,083	9.4	19,615					188	5,192	5,034	24,545
1909	2,081	9.4	19,511				1.42	12,106	12,034	72	23,418
1910	2,222	5.1	11,384				2.50	127	7,141	7,014	25,551
1911	2,631	7.0	18,537				2.18	721	5,365	4,644	32,783
1912	2,941	9.6	28,139				1.42	403	8,731	8,328	23,427
1913	1,954	7.7	15,099				1.50	559	10,883	10,324	23,264
1914	1,561	8.3	12,940				1.70	292	14,700	14,408	25,678
1915	1,116	10.1	11,270				2.00	480	12,459	11,970	28,779
1916	1,298	9.1	11,829				2.31	506	13,387	12,881	21,263
1917	1,851	4.5	8,402				3.70	461	8,829	8,367	21,146
1918	1,783	7.2	12,779				4.07				
1919	1,261	5.3	6,658					512	25,239	24,727	31,497
1919	1,600	1,208	5.2	6,770			4.73	629	16,981	16,352	27,052
1920	1,745	1,647	6.6	10,900			2.20	153	22,761	22,608	30,715
1921	1,180	1,143	7.1	8,107			2.16	168	28,078	27,910	38,430
1922	1,125	1,113	9.5	10,520			2.59	142	20,542	20,400	36,965
1923	2,015	2,015	8.2	16,563			2.44	180	14,605	14,565	45,785
1924	3,570	3,535	8.8	31,220			2.63	126	20,259	20,133	42,467
1925	3,100	3,022	7.4	22,334			2.53	148	24,296	24,148	42,679
1926	2,923	2,736	6.8	18,531			2.25	109	18,131	18,011	43,185
1927	2,819	2,763	9.1	25,174			2.21	129	23,855	23,746	42,864
1928	2,702	2,611	7.3	19,118			2.29				
1929		2,896	5.1	15,046				115	19,945	19,830	35,754
1929	3,353	3,049	5.2	15,924			2.81	70	7,827	7,757	29,430
1930	4,496	3,780	5.7	21,673			1.61	47	13,851	13,804	25,559
1931	3,724	2,431	4.8	11,755			1.36	42	6,215	6,173	17,684
1932	2,691	1,988	5.8	11,511			1.18	38	18,479	18,441	25,345
1933	1,812	1,341	5.1	6,904			1.87				
1934	698	598	5.6	5,598				43	15,499	15,456	21,117
1934	1,588	995	5.7	5,661			1.90	55	15,451	15,396	29,016
1935	2,392	2,096	6.9	14,520			1.73	50	26,120	26,061	31,334
1936	2,548	1,126	4.7	5,275			1.90	44	17,874	17,830	24,919
1937	1,346	934	7.6	7,089			2.07				
1938	1,096	954	8.6	8,171							

¹ Prior to 1908 prices are as of Dec. 1.² The figures shown, August 1909-December 1920, are averages of daily closing prices compiled from annual reports of the Minneapolis Chamber of Commerce; beginning January 1921, averages of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.³ Compiled from Commerce and Navigation of the United States 1889-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States June issues, 1919-26; January and June, 1927-38, and official records of the Bureau of Foreign and Domestic Commerce. Flaxseed, general imports 1889-1932; imports for consumption beginning 1933. Linseed oil, imports for consumption 1889-1912, and beginning 1933; general imports 1913-32. No reexports of oil reported prior to July 1, 1911; no reexports of seed or oil reported since December 1922. 1 bushel of flaxseed weighs 56 pounds; 1 bushel of seed yields approximately 2½ gallons of oil, and 1 gallon of oil weighs 7½ pounds.⁴ Total imports minus total exports (domestic plus foreign). Beginning 1933 imports for consumption minus domestic exports.⁵ Net exports.⁶ Beginning 1933 figures are imports for consumption.⁷ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 99.—*Flaxseed: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested			Yield per acre			Production			Prices for crop of—	
	Average 1927-36	1937	1938 ¹	Average, 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bush- els	Bush- els	1,000 bushels	1,000 bush- els	1,000 bush- els	Dol- lars	Dol- lars
Michigan.....	5	4	4	19.3	9.0	7.59	48	90	1.83	1.56	
Wisconsin.....	6	4	4	10.9	10.5	11.0	72	42	44	1.79	1.55
Minnesota.....	699	453	453	8.0	9.0	10.5	5,572	4,077	4,756	1.87	1.62
Iowa.....	19	8	10	8.6	11.5	12.0	162	92	120	1.83	1.51
Missouri.....	3	5	4	4.5	4.0	5.0	14	20	20	1.75	1.53
North Dakota.....	932	292	298	4.8	5.3	5.0	4,896	1,548	1,490	1.81	1.55
South Dakota.....	312	53	45	4.5	4.3	8.5	1,720	228	382	1.82	1.57
Nebraska.....	8	1	5.2	8.5	7.2	20	50	331	8	1.78	1.54
Kansas.....	42	14	42	4.7	3.1	5.0	796	43	210	1.69	1.48
Montana.....	174	40	36	16.5	19.0	660	684	2.07	1.81		
California.....											
United States.....	2,218	934	954	6.0	7.6	8.6	13,751	7,089	8,171	1.87	1.61

¹ Preliminary.² Short-time average.

Bureau of Agricultural Economics.

TABLE 100.—*Flaxseed: Production, world and selected countries, 1919-38*

Crop year	Estimated world including Union of Soviet Republics ¹	Selected countries							
		Argen- tina	Union of Soviet Social- ist Re- publics	United States	India ²	Canada	Poland	Lithua- nia ³	Urugu- ay
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1919.....	86,000	49,890	4,800	6,770	9,560	5,473	856	1,011	632
1920.....	113,000	60,006	9,204	10,900	16,920	7,998	637	1,011	966
1921.....	76,000	36,046	9,752	8,107	10,920	4,112	856	909	519
1922.....	99,000	47,577	11,043	10,520	17,560	5,008	1,816	1,108	719
1923.....	125,000	58,005	13,379	16,563	21,480	7,140	2,129	1,056	1,178
1924.....	130,000	45,084	15,747	31,220	18,640	9,695	1,872	1,332	1,842
1925.....	158,000	75,113	21,259	22,334	21,160	6,237	2,250	1,571	2,030
1926.....	153,000	80,783	19,684	18,581	17,080	5,985	2,472	1,574	1,970
1927.....	160,000	82,672	19,684	25,174	17,440	4,885	2,730	1,405	1,954
1928.....	150,000	78,377	23,690	19,118	15,080	3,614	2,413	1,000	2,030
1929.....	124,000	50,004	28,060	15,924	14,080	2,060	3,173	1,718	3,216
1930.....	164,000	78,342	28,242	21,673	16,840	4,399	2,335	1,532	5,056
1931.....	165,000	89,067	33,217	11,755	16,640	2,465	1,941	1,003	4,841
1932.....	132,000	62,006	31,395	11,511	18,160	2,719	1,640	626	1,475
1933.....	126,000	62,595	29,307	6,904	17,600	632	1,774	823	2,876
1934.....	140,000	79,720	27,019	5,661	16,080	910	2,179	1,014	3,401
1935.....	135,000	59,448	29,133	14,520	17,920	1,667	2,793	1,487	3,067
1936.....	144,000	76,200	29,526	5,273	16,640	1,795	2,820	1,444	3,011
1937.....	130,000	60,603	-----	7,089	17,800	775	2,964	1,401	3,728
1938 ⁴	55,509	-----	-----	8,171	18,280	1,389	2,692	1,161	4,409

¹ The estimated totals exclude China, but include arbitrary estimates for a few minor producing countries and for some years for which data are unavailable.² In addition to reported production of flaxseed in India the Indian Government in Area and Yield estimates production in some small areas of some of the British Provinces and beginning with the crop harvested in 1926 of certain Indian States. In this table these estimates of additional production, averaging about 140,000 bushels annually prior to 1926 and about 1,250,000 bushels annually since that date, have been added to the reported production.³ Flax and hemp.⁴ Estimate of the Bureau of Agricultural Economics.⁵ Preliminary.⁶ Estimates of unreported tracts for 1938 are not yet available.

Bureau of Agricultural Economics. Official sources and International Institute of Agriculture. Production figures refer to the year of harvest. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere, which immediately follow; thus, for 1938, the crop harvested in the Northern Hemisphere countries in 1938 is combined with the Southern Hemisphere harvest which begins late in 1938 and ends early in 1939.

TABLE 101.—*Flax: Acreage and production, year of harvest, averages 1925-34, annual 1936-38*

[illegible]

TABLE 102.—*Flaxseed: Production and farm disposition, United States, 1909-37*

Crop of—	Production	Used for seed		Sold	Crop of—	Production	Used for seed		Sold
		Total ¹	Home grown ²				Total ¹	Home grown ²	
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1909.....	19,511	1,376	794	18,717	1924.....	31,220	1,633	1,110	30,110
1910.....	11,384	1,445	825	10,559	1925.....	22,334	1,551	1,050	21,284
1911.....	18,537	1,527	925	17,612	1926.....	18,531	1,491	968	17,563
1912.....	28,139	1,028	734	27,405	1927.....	25,174	1,430	946	24,228
1913.....	15,099	818	559	14,540	1928.....	19,118	1,738	996	18,122
1914.....	12,940	580	411	12,529	1929.....	15,924	2,317	1,262	14,662
1915.....	11,270	670	390	10,880	1930.....	21,673	1,959	1,261	20,412
1916.....	11,829	1,081	535	11,294	1931.....	11,755	1,422	881	10,874
1917.....	8,402	927	584	7,818	1932.....	11,511	990	660	10,851
1918.....	12,779	812	539	12,240	1933.....	6,904	571	530	6,374
1919.....	6,770	913	494	6,276	1934.....	5,661	1,278	462	5,199
1920.....	10,900	631	447	10,453	1935.....	14,520	1,369	826	13,694
1921.....	8,107	597	378	7,729	1936.....	5,273	731	367	4,906
1922.....	10,520	1,079	518	10,002	1937 ³	7,089	602	345	6,744
1923.....	16,563	1,864	943	15,620					

¹ Does not include flaxseed used for seed in those States for which production estimates are not made.² Relates to quantities used by producers on their own farms. Additional quantities of purchased flaxseed are so utilized.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 103.—*Flaxseed: Receipts at Minneapolis, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1928.....	652	3,454	3,690	1,278	601	373	328	328	255	244	330	180	11,713
1929.....	1,249	2,939	1,759	624	403	180	116	133	142	390	313	162	8,410
1930.....	2,436	2,295	1,213	912	472	401	368	449	359	355	511	154	9,925
1931.....	2,110	1,476	840	321	264	161	98	97	103	164	168	66	5,868
1932.....	1,994	1,255	696	216	168	329	72	85	134	352	307	112	5,720
1933.....	1,024	1,120	335	202	119	141	92	119	137	273	258	100	3,918
1934.....	633	1,169	875	246	242	135	131	100	144	290	318	213	4,406
1935.....	943	3,165	2,152	857	575	259	123	219	178	244	251	170	9,156
1936.....	1,247	138	590	608	387	356	235	748	90	608	787	83	5,877
1937.....	1,419	1,673	675	284	190	179	118	64	77	183	275	70	5,157
1938 ¹	1,961	1,286	450	205	136	107	41	62	25				

¹ Figures for 1938 are from Minneapolis Daily Market Record and are preliminary.

Bureau of Agricultural Economics. Compiled from annual reports of the Minneapolis Chamber of Commerce. Data for earlier years in 1928 Yearbook, table 98.

TABLE 104.—*Flaxseed: Average price per bushel received by farmers, United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	1.96	1.82	1.82	1.96	1.98	2.05	2.11	2.18	2.19	2.16	2.15	2.17	1.94
1929.....	2.33	2.60	2.85	3.00	2.85	2.88	2.80	2.75	2.62	2.64	2.46	2.46	2.81
1930.....	1.93	1.92	1.68	1.52	1.34	1.38	1.32	1.26	1.30	1.29	1.30	1.20	1.61
1931.....	1.33	1.20	1.13	1.06	1.22	1.19	1.16	1.16	1.19	1.16	1.07	.86	1.17
1932.....	.81	.79	.88	.88	.87	.83	.91	.87	.88	.95	1.19	1.36	.88
1933.....	1.89	1.63	1.64	1.49	1.55	1.51	1.61	1.65	1.60	1.55	1.64	1.68	1.63
1934.....	1.68	1.77	1.75	1.67	1.62	1.69	1.68	1.67	1.59	1.61	1.56	1.49	1.70
1935.....	1.34	1.34	1.35	1.52	1.53	1.56	1.61	1.60	1.54	1.48	1.47	1.47	1.42
1936.....	1.94	1.92	1.87	1.86	1.90	1.95	2.09	2.03	1.98	1.98	1.92	1.73	1.90
1937.....	1.86	1.83	1.89	1.59	1.81	1.81	1.93	1.91	1.86	1.80	1.74	1.62	1.87
1938.....	1.61	1.55	1.59	1.63	1.60	1.64	1.71	1.63	1.64	1.64	1.60	-----	1.61

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special-price reporters. Monthly prices by States weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 533.

TABLE 105.—*Flaxseed: Commercial stocks, 1928-38*DOMESTIC FLAXSEED IN UNITED STATES¹

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	781	596	317	704	2,721	1,343	1,397	1,142	780	681	547	398
1929.....	434	370	159	924	1,179	610	985	867	740	696	589	519
1930.....	433	314	467	2,330	2,202	1,431	1,371	1,357	1,273	1,184	972	784
1931.....	802	672	745	1,383	1,920	1,585	873	639	492	555	686	874
1932.....	901	763	1,596	2,668	2,068	1,150	1,212	1,211	1,219	1,140	1,242	909
1933.....	960	875	1,117	1,834	1,482	984	1,039	963	983	980	793	646
1934.....	646	623	672	1,008	1,218	1,210	1,109	1,017	978	877	521	398
1935.....	344	247	344	2,083	3,356	2,625	2,168	1,961	1,674	1,126	830	575
1936.....	743	285	734	783	742	709	471	501	489	540	538	767
1937.....	630	528	833	1,493	1,658	994	791	765	747	698	651	611
1938.....	552	493	1,157	2,194	2,053	852	750	614	524	348	285	-----

CANADIAN FLAXSEED IN CANADA²

	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	1,770	1,168	534	500	1,327	1,319	1,528	1,381	1,328	1,293	1,080	932
1929.....	1,619	444	352	780	1,230	1,275	1,089	1,049	982	973	849	693
1930.....	471	434	449	1,300	1,904	2,404	2,134	2,080	2,104	2,059	1,756	1,253
1931.....	975	742	788	883	1,588	1,549	1,467	1,396	1,363	1,383	1,267	1,404
1932.....	1,547	1,283	1,264	1,399	1,497	1,581	1,435	1,482	1,460	1,285	1,383	1,088
1933.....	1,127	1,036	1,013	987	904	699	603	604	595	565	541	507
1934.....	474	450	469	503	628	577	432	414	407	409	409	371
1935.....	289	282	197	313	795	626	474	452	421	435	362	349
1936.....	325	289	291	946	1,038	1,003	837	730	666	668	704	545
1937.....	545	460	395	590	678	536	473	487	477	445	417	362
1938.....	301	223	178	520	579	401	288	196	-----	-----	-----	-----

¹ Domestic flaxseed in store in public and private elevators in 39 markets and flaxseed afloat in vessels or barges in harbors of lake and seaboard ports, Saturday nearest the 1st of the month.

² Canadian flaxseed in Canada exclusive of farm stocks, Friday nearest the 1st of the month.

Bureau of Agricultural Economics. Canadian flaxseed in Canada from Canadian Bureau of Statistics.

TABLE 106.—*Flaxseed, No. 1: Average price per bushel of reported cash sales, Minneapolis, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Weighted average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	2.06	2.09	2.28	2.35	2.39	2.45	2.55	2.49	2.45	2.45	2.48	2.76	2.29
1929.....	2.79	3.23	3.32	3.24	3.22	3.08	3.05	2.92	2.92	2.68	2.71	2.32	3.11
1930.....	2.00	1.90	1.80	1.65	1.61	1.57	1.66	1.58	1.57	1.55	1.48	1.64	1.76
1931.....	1.41	1.37	1.32	1.46	1.43	1.41	1.40	1.40	1.35	1.21	1.05	-----	1.36
1932.....	1.01	1.13	1.13	1.06	1.09	1.16	1.10	1.13	1.28	1.43	1.72	2.05	1.18
1933.....	1.88	1.88	1.80	1.77	1.77	1.90	1.89	1.82	1.82	1.91	1.91	1.90	1.87
1934.....	2.05	1.98	1.90	1.86	1.99	1.97	1.94	1.81	1.85	1.77	1.65	1.59	1.90
1935.....	1.53	1.68	1.79	1.80	1.83	1.87	1.84	1.76	1.72	1.69	1.77	2.06	1.73
1936.....	2.15	2.14	2.13	2.16	2.21	2.29	2.23	2.20	2.21	2.10	1.92	2.03	2.14
1937.....	1.97	2.13	2.17	2.07	2.10	2.16	2.14	2.06	1.99	1.86	1.81	1.83	2.07
1938.....	1.73	1.79	1.84	1.84	1.90	1.99	1.92	1.86	1.89	-----	-----	-----	-----

Bureau of Agricultural Economics. Computed by weighting selling price by number of carlots sold, as reported in Minneapolis Daily Market Record. Prices 1899-1927 appear in 1932 Yearbook, table 100.

TABLE 107.—*Flaxseed, export grade, 4-percent extraneous matter: Average market price per bushel, Buenos Aires, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928.....	162.1	163.4	168.4	173.4	164.8	162.7	165.4	163.9	165.2	164.1	166.0	168.9	167.8
1929.....	209.1	249.5	245.8	225.7	208.8	193.7	187.0	182.2	195.9	188.6	179.3	156.0	201.8
1930.....	162.4	142.8	125.2	109.1	95.6	82.2	88.3	93.8	88.5	83.4	83.9	92.5	104.0
1931.....	82.0	70.6	67.5	71.3	62.5	60.3	61.8	62.2	59.7	57.2	56.7	57.9	64.1
1932.....	60.9	67.1	62.2	58.9	58.9	60.1	58.5	58.5	62.1	78.1	92.2	117.4	69.6
1933.....	105.6	109.8	95.6	104.2	101.1	98.8	100.3	102.7	107.0	120.2	120.8	117.0	106.9
1934.....	124.0	112.6	104.4	98.0	99.2	99.2	97.9	95.9	97.1	98.4	99.4	99.2	102.1
1935.....	101.4	107.9	109.9	105.0	112.7	120.4	119.2	118.2	117.2	117.8	120.4	128.5	114.9
1936.....	132.9	126.1	116.6	115.9	116.9	118.2	117.5	125.0	132.5	132.0	129.1	134.1	124.7
1937.....	133.9	134.2	138.4	131.1	130.9	135.2	133.5	129.2	125.8	121.0	117.3	121.4	129.3
1938.....	113.3	109.3	107.5	104.7	107.3	106.2	105.8	111.2					

¹ New crop.

Bureau of Agricultural Economics. Compiled in paper pesos per 100 kg. as follows: August 1928-December 1929, *The Review of the River Plate*, Buenos Aires, weekly, averages of quotations for Thursday of each week; January 1930 to date, *Revista de la Bolsa de Cereales*, Buenos Aires, weekly, averages of daily official market prices. (The Thursday prices in these publications are identical.)

Price series converted to cents per bushel at current monthly rates of exchange as reported by the Federal Reserve Board.

TABLE 108.—*Flaxseed: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES										
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Argentina.....	63,699	0	61,763	0	69,982	0	58,576	0	70,943	2
British India.....	9,442	763	8,594	597	5,171	551	12,381	553	8,851	436
Canada.....	2,828	568	686	510	21	635	189	1,283	13	1,211
Uruguay.....	2,084	0	3,333	0	2,779	0	3,028	0	2,916	0
Lithuania.....	811	0	403	0	502	0	937	0	814	0
Union of Soviet Socialist Republics ²	778	0	61	0	0	0	0	0	0	10
Latvia.....	644	500	197	189	101	149	85	105	146	73
Morocco.....	363	0	359	0	334	0	377	0	433	0
Eritrea ³	188	0	80	0		0				0
China.....	117	0	392	0	930	0	1,449	0	479	0
Rumania.....	56	9	153	0	244	0	60	0	12	1
Total.....	81,010	1,900	76,023	1,296	80,064	1,333	77,082	1,951	84,607	1,733
PRINCIPAL IMPORTING COUNTRIES										
United States.....	0	20,540	0	12,611	0	17,560	0	15,365	0	28,032
Netherlands.....	208	13,639	139	13,715	137	15,842	181	13,012	235	12,622
Germany.....	80	13,602	33	13,306	0	9,737	1	8,617	0	7,100
United Kingdom.....	0	13,439	0	10,837	0	10,273	0	10,905	0	11,441
France.....	20	7,368	19	9,377	7	9,973	6	11,121	4	10,788
Belgium.....	301	4,052	196	4,856	200	4,862	222	4,320	146	4,113
Italy.....	1	2,380	0	2,540	0	2,839	0	2,132	0	3,183
Sweden.....	0	1,477	0	1,583	0	1,637	0	1,442	0	1,885
Australia ³	0	957	0	774	0	1,564	0	1,277	0	1,406
Czechoslovakia.....	10	885	11	1,002	1	1,060	1	956	1	1,076
Denmark.....	0	696	0	749	0	1,005	0	801	0	865
Spain.....	3	663	0	760	0	996	0		0	
Norway.....	0	602	0	642	0	957	0	845	0	953
Poland.....	275	522	15	411	46	1	139	1	0	1
Japan.....	0	464	1	487	4	855	0	506	1	317
Finland.....	0	222	0	148	0	147	0	242	0	289
Yugoslavia.....	0	188	1	212	1	330	0	169	1	357
Greece.....	3	118	1	178	0	212	0	157	0	210
Total.....	901	81,814	416	74,248	396	79,850	550	71,838	389	84,068

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Includes cottonseed and hempseed.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 109.—*Flaxseed crushed and linseed oil produced, United States, 1928-38*

Year beginning July	Flaxseed crushed ¹					Oil produced				
	July- Sep- tember	Octo- ber- De- cember	Janu- ary- March	April- June	Total	July- Sep- tember	Octo- ber- De- cember	Janu- ary- March	April- June	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1928.....	7,603	11,191	10,839	9,962	39,595	141,889	206,273	202,353	187,019	737,534
1929.....	10,321	9,947	7,966	7,270	35,504	191,977	182,228	145,970	130,863	651,038
1930.....	5,887	7,391	6,571	7,205	27,054	108,236	131,257	118,417	130,635	488,545
1931.....	7,610	7,112	5,393	3,584	23,699	141,205	130,479	99,783	67,296	438,763
1932.....	5,739	4,998	4,365	4,268	17,370	68,593	90,987	79,595	79,035	315,120
1933.....	6,074	8,768	5,156	5,016	25,006	113,413	133,906	97,452	98,026	442,797
1934.....	4,293	4,569	5,754	6,104	20,720	85,038	90,253	111,823	116,946	404,060
1935.....	5,998	8,284	7,094	5,168	26,544	116,667	156,608	132,137	100,119	505,531
1936.....	4,862	6,931	8,175	10,372	30,340	91,805	131,899	156,877	206,512	587,093
1937 ¹	7,666	7,754	6,461	3,989	25,870	151,278	150,432	125,587	77,513	504,810
1938 ¹	5,043	7,206	7,112	-----	-----	98,407	139,106	139,209	-----	-----

¹ The reported production of meal for years beginning 1932 has averaged 64 percent of the weight of seeds crushed.

² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Figures for 1919-28 are in 1934 Yearbook, table 91.

TABLE 110.—*Linseed oil, raw: Average price per pound in tank carlots, Minneapolis, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average, year ended Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average, year ended June
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928.....	9.0	8.8	8.7	9.2	9.2	9.3	9.1	9.4	9.6	9.6	9.6	9.5	9.7	9.3
1929.....	11.2	12.2	14.9	15.0	14.4	14.4	11.6	13.5	13.4	13.4	13.6	13.3	13.3	13.6
1930.....	13.0	12.4	9.8	8.8	8.4	8.2	11.8	7.9	8.2	8.6	8.4	8.3	8.1	9.2
1931.....	8.8	7.9	7.1	6.6	7.1	6.4	7.8	6.2	6.1	6.2	6.1	5.8	5.5	6.6
1932.....	4.9	4.7	5.2	5.5	5.9	6.0	5.7	6.6	6.4	6.6	6.9	8.2	8.8	6.3
1933.....	10.3	10.0	10.0	9.4	9.2	9.1	8.5	8.9	8.8	8.9	8.8	9.2	9.6	9.4
1934.....	9.4	9.4	9.1	9.0	8.6	8.5	9.0	8.4	8.7	9.0	9.1	9.2	9.1	9.0
1935.....	9.0	8.2	8.2	9.0	9.0	9.3	8.0	9.5	9.4	9.3	9.2	9.0	9.0	9.0
1936.....	9.8	10.1	9.9	9.7	9.2	9.5	9.5	9.8	9.8	10.0	10.8	10.9	10.6	10.0
1937.....	10.5	10.6	10.4	10.4	10.2	10.0	10.3	10.0	9.8	9.6	9.3	8.9	8.2	9.8
1938.....	8.2	7.9	8.1	8.5	8.1	8.3	8.7	8.3	8.3	8.6	8.7	-----	-----	-----

Bureau of Agricultural Economics. Compiled from the Oil, Paint and Drug Reporter. Prices are simple averages of quotations for Friday of each week.

TABLE 111.—*Linseed meal, 34-percent protein: Average price per ton, Minneapolis, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	49.10	45.75	47.55	53.85	54.90	57.00	56.90	59.00	56.60	52.10	51.90	51.20	52.99
1929.....	53.05	53.10	56.40	55.70	55.10	55.00	54.10	51.75	50.30	54.75	48.70	44.75	52.72
1930.....	42.75	42.20	42.10	40.25	38.90	37.90	38.40	34.65	31.60	30.75	27.70	24.95	35.85
1931.....	25.60	26.20	25.75	25.70	31.40	32.10	30.15	28.75	28.00	27.30	24.25	21.40	27.22
1932.....	20.40	21.40	22.40	21.50	19.80	19.15	19.70	19.30	20.00	21.65	25.20	27.50	21.50
1933.....	37.40	36.10	31.75	31.70	31.90	31.65	32.00	31.90	30.15	30.90	29.20	32.25	32.24
1934.....	33.40	41.75	44.00	41.40	42.00	44.30	43.25	39.65	38.40	38.80	36.00	31.00	39.50
1935.....	26.50	25.30	24.88	27.40	26.63	27.00	27.13	25.50	24.20	25.03	25.38	28.60	26.13
1936.....	42.12	46.38	46.30	45.75	46.75	48.80	48.25	44.12	39.80	40.50	40.75	38.00	43.96
1937.....	34.62	31.00	31.25	33.12	35.90	39.00	42.00	42.62	41.40	41.75	44.00	41.10	38.15
1938.....	41.40	38.40	35.90	37.80	38.50	39.75	40.50	39.75	38.50	38.00	-----	-----	-----

¹ July 1933 to November 1936 and September 1937 to date quoted as 37 percent.

Bureau of Agricultural Economics. Quoted "per ton, bagged, in carlots, sight draft basis."

TABLE 112.—*Linseed oil: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Netherlands.....	188,136	833	147,196	765	190,819	98	159,083	252	197,631	75
United Kingdom.....	49,400	47,546	3,032	65,180	33,282	99,228	27,859	48,756	26,329	83,899
Belgium.....	23,503	2,303	23,199	1,377	12,575	6,301	10,315	6,351	14,719	2,058
France.....	4,378	8,138	10,494	3,310	27,042	753	27,044	473	24,384	615
Sweden.....	1,267	668	1,061	433	23	5,071	12	5,292	28	1,796
Japan.....	445	0	763	0	1,554	0	1,867	0	1,472	0
Total.....	237,129	59,488	185,735	71,065	265,295	111,451	226,180	61,124	264,563	88,443
PRINCIPAL IMPORTING COUNTRIES										
Germany.....	8,343	43,213	7,346	27,872	99	24,528	75	41,976	36	51,366
Switzerland.....	27	13,286	27	17,142	460	18,933	588	14,190	1,084	11,505
Brazil.....	0	9,558	0	3,488	0	510	0	308	0	397
Austria.....	459	8,997	131	9,759	289	10,433	80	10,628	0	10,404
United States.....	2,351	7,946	1,002	3,285	986	2,232	973	760	987	402
Finland.....	0	5,380	0	5,694	0	8,735	0	7,084	0	8,835
Netherlands India.....	0	5,161	0	3,622	0	2,765	0	4,291	0	3,445
Australia.....	25	4,968	49	2,276	55	435	79	1,991	110	1,576
Egypt.....	3	4,935	1	1,142	1	913	2	1,211	0	1,197
Union of South Africa.....	0	4,770	0	5,165	0	7,593	0	8,371	0	8,081
Hungary.....	12	4,246	287	547	0	435	0	204	0	424
New Zealand.....	2	3,789	0	2,871	0	6,547	0	6,365	0	6,164
Italy.....	403	3,574	206	3,287	222	3,085	564	2,509	524	1,965
Norway.....	54	3,314	131	3,408	190	1,633	106	1,556	180	1,496
Chile.....	4	2,712	4	1,281	1	1,217	1	976	0	1,434
Ireland.....	0	2,319	0	3,210	0	2,934	0	201	0	201
British India.....	728	2,092	557	1,514	646	1,536	1,057	1,065	2,026	1,124
Denmark.....	419	2,081	15	1,068	0	95	7	116	15	155
Algeria.....	71	1,862	64	2,337	28	3,621	12	3,278	0	4,062
Portugal.....	160	1,750	35	1,824	28	2,709	13	2,049	0	1,427
British Malaya.....	120	1,550	71	1,105	75	1,228	183	1,581	124	1,996
Bulgaria.....	0	1,484	0	1,063	0	668	0	497	0	854
Yugoslavia.....	82	1,390	1	990	1	188	1	155	0	116
Czechoslovakia.....	287	1,369	247	267	1,672	20	1,019	42	331	9
China.....	0	1,242	34	1,261	1	1,455	26	992	64	823
Manchuria.....	(²)	(²)	0	382	0	156	0	200	0	132
Philippine Islands.....	0	1,210	0	1,455	0	1,422	0	1,851	0	2,408
Colombia.....	0	1,058	0	773	0	968	0	1,184	0	1,173
Venezuela.....	0	911	0	914	0	607	0	0	0	0
Porto.....	0	905	0	551	0	752	0	711	0	941
Canada.....	49	819	29	2,955	162	1,658	14	2,920	8	4,248
Argentina.....	265	743	46	397	73	296	79	271	0	298
Morocco.....	0	723	0	3,993	0	4,440	0	3,895	0	4,325
Tunisia.....	0	668	0	893	0	840	0	1,293	0	1,006
Indo-China.....	88	625	109	425	15	401	7	307	0	0
Greece.....	165	419	6	239	12	32	14	127	220	208
Total.....	13,853	150,969	10,400	119,085	5,015	115,645	4,855	125,245	5,659	134,792

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Java and Madura only.⁴ 4-year average.⁵ 3-year average.⁶ Not shown prior to 1932; included with data for China.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Conversions made on the basis of 7.5 pounds to the gallon.

TABLE 113.—*Rice, rough: Acreage, production, value, shipments, and foreign trade, United States, 1895–1938*

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Shipments from United States to Alaska, Hawaii, and Puerto Rico ²	Foreign trade, mostly milled rice, but including rice bran, meal, and broken rice, reduced to rough basis, year beginning July ³		
							Domestic exports	Imports	Net balances ⁴
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1895.....	292	25.4	7,425	—	—	—	541	5,282	-4,251
1896.....	270	19.3	5,201	—	—	—	141	7,121	-6,563
1897.....	290	23.6	6,954	—	—	—	223	6,886	-6,256
1898.....	314	26.4	8,304	—	—	—	552	7,350	-6,110
1899.....	338	26.5	8,954	—	—	(⁵)	1,478	4,200	-2,064
1900.....	361	27.1	9,793	—	—	1,325	919	4,219	-2,046
1901.....	423	30.0	12,671	—	—	1,819	1,065	5,676	-4,197
1902.....	545	26.7	14,536	—	—	2,283	711	6,108	-5,042
1903.....	547	34.9	19,088	—	—	2,478	1,048	5,552	-4,122
1904.....	574	33.5	19,216	65.7	12,632	3,297	4,078	3,833	+577
1905.....	457	35.1	16,038	94.6	15,164	3,505	1,373	5,996	-4,221
1906.....	505	35.2	17,775	90.4	16,064	3,734	1,086	7,546	-6,179
1907.....	563	36.9	20,751	85.8	17,810	2,989	1,024	7,660	-6,310
1908.....	596	37.6	22,397	81.2	18,191	3,391	738	8,024	-7,022
1909.....	662	35.6	23,586	79.5	18,758	4,276	964	8,114	-6,857
1910.....	666	37.1	24,731	67.9	16,785	4,606	1,082	7,516	-6,211
1911.....	636	35.6	22,662	80.6	18,287	4,890	1,420	6,842	-5,047
1912.....	643	36.9	23,700	93.5	22,159	4,806	1,401	7,996	-6,139
1913.....	722	33.5	24,210	86.0	20,824	5,244	807	10,447	-9,000
1914.....	646	36.3	23,478	92.4	21,702	4,640	2,789	9,679	-5,059
1915.....	740	35.3	26,107	90.6	23,656	5,191	4,391	9,516	-2,540
1916.....	843	40.9	39,544	88.0	35,162	5,818	6,529	7,778	+348
1917.....	953	36.4	34,714	189.6	65,804	4,878	7,069	16,418	-6,026
1918.....	1,101	36.3	39,998	101.7	76,696	5,995	6,953	13,094	+1,644
1919.....	1,083	39.6	42,911	266.2	114,210	5,547	17,402	6,477	+14,401
1920.....	1,299	39.8	51,648	118.1	61,006	6,614	15,871	3,485	+14,603
1921.....	990	39.7	39,274	94.8	37,239	7,179	19,494	2,650	+18,773
1922.....	1,053	39.6	41,663	92.9	38,686	8,280	13,344	2,503	+12,018
1923.....	874	38.0	33,238	110.2	36,615	9,094	5,199	1,376	+7,322
1924.....	838	39.0	32,643	124.6	43,994	8,122	4,033	2,076	+2,535
1925.....	853	38.7	33,030	148.4	49,017	8,049	1,734	4,747	-2,514
1926.....	1,016	41.4	42,025	113.1	47,513	8,743	10,957	2,558	+8,844
1927.....	1,027	43.3	44,497	90.8	40,413	9,183	11,152	1,588	+9,852
1928.....	972	45.1	43,834	91.1	39,950	10,131	14,137	1,325	+13,272
1929.....	860	46.0	39,534	99.8	39,474	10,342	10,423	1,124	+9,453
1930.....	966	46.5	44,929	78.4	35,214	10,864	10,116	1,278	+8,965
1931.....	995	46.2	44,613	48.5	21,642	10,938	9,890	737	+6,255
1932.....	874	47.6	41,619	41.8	17,416	12,130	6,398	780	+5,687
1933.....	798	47.2	37,651	77.7	29,248	10,450	3,629	1,516	+2,113
1934.....	812	48.1	39,047	79.0	30,854	11,159	4,417	2,897	+1,620
1935.....	817	48.3	39,452	77.3	30,479	10,853	3,043	2,105	+938
1936.....	981	50.8	49,820	83.4	41,567	10,575	1,866	6,545	-4,679
1937.....	1,088	49.1	53,372	65.8	35,132	12,106	11,165	3,828	+7,337
1938 ⁶	1,068	49.0	52,303	59.0	30,848	—	—	—	—

¹ Prior to 1924 prices are as of Dec. 1.² Year beginning July; in terms of rough rice.³ Compiled from Commerce and Navigation of the United States, 1895–1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States June issues, 1919–26; January and June issues, 1927–38, and official records of the Bureau of Foreign and Domestic Commerce. Converted on the basis that 1 pound milled rice is equivalent to 1.62 pounds rough rice and 45 pounds rough rice equal 1 bushel.⁴ The difference between the total exports (domestic exports plus reexports) and total imports. Beginning 1933 domestic exports and imports for consumption. Net exports indicated by +; net imports indicated by —.⁵ Shipments of rice not separately reported.⁶ To Puerto Rico only, other shipments not reported.⁷ Includes Virgin Islands beginning January 1935.⁸ Preliminary.

Bureau of Agricultural Economics.

TABLE 114.—*Rice, rough: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents
Arkansas.....	161	189	189	49.0	56.0	50.0	7,889	10,584	9,452	60	56
Louisiana.....	454	517	494	39.8	40.0	42.0	18,041	20,680	20,748	69	60
Texas.....	172	250	255	50.5	52.0	51.0	8,710	13,000	13,005	71	63
California.....	119	132	130	66.4	69.0	70.0	7,812	9,108	9,100	58	54
United States.....	907	1,088	1,068	46.9	49.1	49.0	42,500	53,372	52,303	65.8	59.0

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 115.—*Rice, in terms of milled rice: Production, world and selected countries, 1909-38*

Year of harvest ¹	Estimated world total, excluding China	Selected countries ¹								
		India and Burma	Japan	Chosen	Taiwan	French Indo-China	Java and Madura ²	Siam ³	Philippine Islands	United States
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1909.....	107,000	63,869	16,474	2,343	1,455	-----	5,723	3,734	1,164	65.5
1910.....	106,000	64,552	14,650	3,269	1,316	-----	5,738	3,466	1,267	68.7
1911.....	109,000	63,943	16,246	3,634	1,410	-----	5,170	4,533	717	90.7
1912.....	109,000	63,802	15,778	3,413	1,271	6,614	5,842	4,561	1,512	65.8
1913.....	113,000	64,555	15,789	3,804	1,610	8,051	6,440	4,994	1,404	67.2
1914.....	113,000	61,109	17,909	4,439	1,448	9,521	6,339	4,708	1,100	65.2
1915.....	124,000	73,315	17,569	4,036	1,504	7,921	6,451	4,786	1,289	72.9
1916.....	129,000	78,521	18,363	4,377	1,461	6,733	6,409	5,001	1,745	1,095
1917.....	132,000	80,559	17,143	4,261	1,519	6,313	7,204	5,133	2,210	96.4
1918.....	105,000	54,466	17,184	4,765	1,455	6,302	7,272	4,642	2,085	1,111
1919.....	123,000	71,734	19,107	3,974	1,547	6,532	7,536	3,114	2,243	1,186
1920.....	117,000	61,949	19,857	4,639	1,521	6,283	6,761	5,868	2,560	1,435
1921.....	127,000	74,240	17,335	4,500	1,563	7,931	5,964	5,806	2,681	1,091
1922.....	133,000	74,495	19,067	4,717	1,711	7,629	7,280	5,954	2,703	1,157
1923.....	118,000	63,164	17,418	4,767	1,529	7,206	7,284	6,034	2,566	92.3
1924.....	127,000	69,601	17,960	4,153	1,909	7,801	7,563	6,779	2,818	90.5
1925.....	127,000	68,851	18,756	4,641	2,024	7,951	7,184	5,752	2,949	90.9
1926.....	126,000	66,483	17,465	4,807	1,952	8,255	7,732	7,169	3,053	1,150
1927.....	127,000	63,244	19,510	5,435	2,167	8,850	7,942	6,261	3,082	1,234
1928.....	131,000	72,016	18,945	4,245	2,135	7,822	7,679	5,325	3,073	1,206
1929.....	128,000	69,736	18,710	4,304	2,036	8,081	7,453	5,315	3,184	1,098
1930.....	137,000	72,124	21,009	6,026	2,315	8,138	8,053	6,620	3,064	1,248
1931.....	132,000	73,922	17,346	4,987	2,350	7,641	8,188	5,581	2,920	1,239
1932.....	131,000	67,931	18,972	5,135	2,811	7,884	8,303	7,018	2,953	1,156
1933.....	134,000	67,517	22,245	5,715	2,627	7,939	7,811	6,869	3,272	1,046
1934.....	126,000	66,036	16,279	5,252	2,855	7,496	8,464	6,307	2,827	1,085
1935.....	125,000	61,645	18,040	5,619	2,866	8,228	8,802	6,484	2,606	1,096
1936.....	138,000	71,199	21,146	6,245	3,003	8,595	8,483	4,636	3,396	1,384
1937.....	138,000	67,903	20,835	8,708	2,977	9,526	8,696	6,200	3,078	1,483
1938 ⁴	-----	-----	20,693	7,844	3,165	-----	8,733	6,720	3,396	1,453

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus for 1937 the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest which begins late in 1937 and ends early in 1938. Estimates of world rice production for the period 1900-1908 appear in the 1924 Yearbook, table 138.

² China is an important producing country, but official statistics are not available. The Shanghai office of the Bureau of Agricultural Economics has made the following estimates of production in China, expressed in terms of millions of pounds of milled rice: 90,200 in 1930; 77,060 in 1931; 92,900 in 1932; 88,800 in 1933; 72,800 in 1934, and 83,000 in 1935.

³ Estimates of the production of rice on nonirrigated land are not available prior to 1917. Estimates for the years 1909-16 as given here are for the production on irrigated land. Estimates for the years 1917-38 are for the total production.

⁴ Estimated figures obtained by multiplying acreage under rice as classified for revenue purposes up to 1912, and acreage as reported by the Department of Land and Agriculture from 1912 on, by an average yield for the years 1920-23, for which years official estimates have been published of acreage, yield, and total production.

⁵ Preliminary.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 116.—*Rice: Acreage and production in specified countries, year of harvest, averages 1921-25 and 1930-34, annual 1937 and 1938*¹

Country	Acreage				Production in terms of milled rice			
	Average 1921-25	Average 1930-34	1937	1938	Average 1921-25	Average 1930-34	1937	1938
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Million pounds	Million pounds	Million pounds	Million pounds
United States.....	921	883	1,088	1,068	997	1,155	1,483	1,453
Mexico.....	95	84	98		77	97	101	
British Guiana.....	45	79			53	93		
Spain.....	118	117			376	464		
Portugal.....	18	40	53		22	50	115	
Italy.....	316	343	357	367	729	907	1,077	1,051
Bulgaria.....	11	18	14	18	14	21	17	35
French Guinea.....	2,008	494			1,106	223		
French Senegal.....	119	108			65	60		
Sudan.....	79	174			61	110		
Egypt.....	192	352	274	496	320	611	507	987
India and Burma.....	81,400	83,204	85,088	85,394	70,270	69,506	78,244	72,367
Turkey.....	66	71	70	73		90	101	85
Japan.....	7,705	7,885	7,836	7,880	18,107	19,170	20,835	20,693
Chosen.....	8,824	4,112	4,017	4,054	4,556	5,423	8,708	7,844
Taiwan.....	1,262	1,609	1,536	1,546	1,747	2,592	2,977	3,165
French Indochina.....	12,005	13,504	13,944		7,704	7,820	9,526	
Siam.....	5,964	7,141	7,273	7,710	6,065	6,479	6,200	6,720
Philippine Islands.....	4,220	4,643		4,083	2,744	3,007	3,078	3,396
Brazil.....	1,029	2,074			1,029	1,638		
Madagascar.....	1,298	1,354	1,191		1,322	949	876	
Java and Madura.....	8,014	9,162	8,764		7,055	8,696	8,696	8,733
Estimated world total, excluding China.....					126,000	132,000	138,000	

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus for 1937 the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest which begins late in 1937 and ends early in 1938.

² Preliminary.

³ 3-year average.

⁴ 2-year average.

⁵ 1 year only.

⁶ 4-year average.

Bureau of Agricultural Economics.

TABLE 117.—*Rice, rough: Receipts at mills in Texas, Louisiana, Arkansas, and Tennessee, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.	1,000 bbl.
1928.....	180	1,198	2,114	1,936	947	621	592	439	429	232	192	126	9,006
1929.....	508	1,388	2,330	1,416	797	870	961	294	146	182	60	22	8,964
1930.....	481	1,084	2,063	1,257	844	1,147	864	599	566	520	324	172	9,921
1931.....	237	1,455	1,810	1,408	632	570	734	812	544	703	345	228	9,471
1932.....	293	843	1,606	1,186	706	687	747	821	1,033	628	257	112	8,919
1933.....	171	1,067	2,095	1,100	426	721	632	496	191	91	183	153	7,626
1934.....	243	836	1,974	910	612	688	1,260	825	175	143	82	14	7,782
1935.....	272	930	2,401	1,816	657	845	483	232	161	129	60	20	8,006
1936.....	304	1,375	2,289	1,761	736	1,799	973	309	241	240	149	100	10,276
1937.....	152	1,282	2,244	1,782	760	1,199	922	1,007	676	770	531	270	11,595
1938.....	486	1,625	3,191	1,458	911		892	536	418	674			

Bureau of Agricultural Economics. Compiled from monthly reports of the Rice Millers' Association and from reports of nonassociation mills. A barrel is assumed to be 162 pounds of rough rice.

TABLE 118.—*Rice, rough: Receipts at mills in California, 1933-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags	100-lb. bags
1933..	(1)	1,077,599	218,331	163,153	241,363	229,183	231,527	241,485	161,096	143,425	301,569	209,869	3,218,600
1934..	626,344	205,865	200,007	179,903	262,453	395,160	330,462	463,414	295,339	222,612	114,497	18,979	3,315,035
1935..	456,210	557,531	249,596	144,358	109,361	114,889	156,616	163,295	173,958	120,853	184,418	259,027	2,690,112
1936..	513,655	379,028	90,451	416,756	317,467	431,945	99,216	70,242	213,590	237,364	367,221	263,332	3,400,267
1937..	611,680	443,894	216,854	510,712	385,282	217,229	57,908	87,859	186,353	165,480	269,219	260,721	3,413,191
1938..	477,536	444,297	212,534	262,200	169,184	229,760	160,345	-----	-----	-----	-----	-----	-----

¹ October and November combined in November column.

Bureau of Agricultural Economics. Compiled from reports of the California Rice Industry.

TABLE 119.—*Rice: Consumption in the United States and possessions, United States exports and total sales, 1918-37*

Year beginning August	Consumption in the United States and possessions											United States ex- ports ¹	Total sales United States rice ¹
	United States		Puerto Rico		Hawaii ¹		Alaska		Total	For- eign rice	United States rice		
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita					
	Million lbs.	Lb.	Million lbs.	Lb.	Million lbs.	Lb.	Million lbs.	Lb.	Million lbs.	Million lbs.	Million lbs.	Million lbs.	
1918	582.9	5.7	166.9	114.8	43.3	176.0	1.6	28.3	794.7	43.8	750.9	219.1	970.0
1919	363.2	3.4	140.5	98.6	43.8	173.4	1.4	25.2	548.9	69.1	479.8	474.5	954.3
1920	556.5	5.2	164.8	113.7	52.1	190.3	.8	14.5	774.2	47.6	726.6	486.3	1,212.9
1921	489.0	4.6	164.3	113.3	47.2	173.3	1.1	19.8	701.6	19.8	681.8	474.0	1,155.8
1922	584.8	5.3	170.2	117.4	56.2	198.4	1.4	25.0	812.6	31.5	781.1	324.9	1,106.0
1923	589.0	5.3	182.4	123.3	60.8	206.6	1.3	23.0	833.5	35.4	798.1	156.4	954.5
1924	619.2	5.5	177.8	118.6	65.9	215.9	1.2	21.1	864.1	43.5	820.6	74.4	895.0
1925	606.0	5.3	186.0	124.0	65.8	208.1	1.3	22.7	859.1	90.9	768.2	28.5	796.7
1926	667.1	5.7	183.3	122.2	69.6	212.7	1.1	19.1	921.1	46.4	874.7	238.1	1,112.8
1927	737.0	6.2	193.2	132.9	70.4	208.2	1.3	22.4	1,001.9	32.7	969.2	239.0	1,208.2
1928	701.7	5.8	208.4	141.5	81.4	233.1	1.3	22.2	992.8	23.7	969.1	319.6	1,288.7
1929	649.5	5.3	194.1	125.7	83.2	231.0	1.3	22.0	928.1	27.1	901.0	225.0	1,126.0
1930	714.7	5.8	207.7	134.5	89.2	242.4	1.1	18.5	1,012.7	27.4	985.3	221.7	1,207.0
1931	661.9	5.4	201.2	130.3	91.3	242.2	1.0	16.7	955.4	12.0	943.4	224.6	1,168.0
1932	762.1	6.1	224.9	145.7	87.9	229.1	1.1	18.3	1,076.0	10.9	1,065.1	127.5	1,192.6
1933	553.1	4.5	215.0	139.3	96.7	227.0	1.0	16.5	855.8	8.1	847.7	86.2	933.9
1934	742.4	5.8	222.0	138.5	84.0	219.9	1.1	18.0	1,049.5	25.4	1,024.1	117.3	1,141.4
1935	694.4	5.4	219.5	127.4	85.2	220.6	1.1	17.9	1,000.2	16.8	983.4	75.9	1,059.3
1936	772.4	6.0	230.8	126.0	58.1	148.1	1.1	17.8	1,062.4	21.3	1,041.1	64.1	1,105.2
1937	797.9	6.2	231.7	130.6	77.1	193.2	1.2	19.3	1,107.9	12.0	1,096.9	311.6	1,407.5

¹ Hawaiian production not included.

² Reports of Bureau of Foreign and Domestic Commerce.

³ Beginning with 1932 figures are for milled rice including brown.

Bureau of Agricultural Economics. Compiled from annual reports of the Rice Millers' Association, New Orleans.

TABLE 120.—*Rice, Blue Rose, clean Fancy: Wholesale price per 100 pounds, New Orleans, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	4.25	4.06	4.12	4.12	4.05	4.00	4.00	4.00	4.00	4.00	4.00	4.12	4.07
1929.....	4.50	4.25	4.25	4.00	3.94	4.25	4.38	4.50	4.38	4.62	4.50	4.80	4.34
1930.....	4.50	4.12	3.88	3.62	3.62	3.50	3.62	3.50	3.50	3.50	3.38	3.58	3.68
1931.....	3.25	3.12	2.86	2.64	2.64	2.84	2.66	2.62	2.28	2.12	2.21	2.00	2.64
1932.....	2.08	2.26	2.14	2.01	1.94	1.89	1.81	1.96	2.09	2.05	2.79	2.89	2.2
1933.....	3.18	3.45	3.75	3.80	3.87	3.90	3.90	3.90	3.90	3.90	3.90	3.88	3.78
1934.....	3.74	3.69	3.68	3.55	3.57	3.42	3.38	3.64	3.76	3.95	4.08	4.10	3.72
1935.....	4.07	4.10	4.28	4.52	4.70	4.00	3.74	3.86	4.28	4.43	4.34	4.38	4.22
1936.....	4.54	4.29	3.63	3.52	3.44	3.80	4.07	4.15	4.12	3.95	3.75	3.65	3.91
1937.....	3.42	3.26	3.05	3.20	3.04	3.10	2.94	2.76	2.64	2.56	2.70	2.75	2.95
1938.....	2.92	2.80	2.68	2.75	2.76	2.87	2.90	2.84	2.79				

¹ Average for 11 months.

Bureau of Agricultural Economics. Compiled as follows: Prior to 1931 from annual reports of the New Orleans Board of Trade. (Highest quotations represent Fancy grade.) Beginning that date rice market reports received weekly by the Bureau.

TABLE 121.—*Rice, fancy California-Japan, milled: Average wholesale price per 100 pounds, double-sacked, San Francisco docks, 1919-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1919.....	11.30	10.75	11.60	12.75	12.35	12.06	11.90	11.00	10.15				7.68
1920.....	7.14	5.96	5.50	4.00	4.38	4.70	4.38	4.25	4.21	4.01	4.00	4.44	4.75
1921.....	4.48	5.00	5.31	5.15	5.00	4.95	4.80	4.85	4.91	5.59	5.52	5.25	5.08
1922.....	5.12	4.90	4.58	4.44	4.48	4.14	4.04	4.36	4.60	4.47	5.06	5.77	4.66
1923.....	5.67	5.38	5.27	5.14	5.05	5.07	5.33	5.34	5.28	5.21	5.26	5.67	5.31
1924.....	5.75	6.65	7.05	7.25	7.15	7.05	7.11	7.51	8.09	8.51	8.42	7.96	7.38
1925.....	6.92	6.95	7.01	7.06	7.16	7.10	7.06	7.09	6.99	7.06	7.00	6.60	7.00
1926.....	5.27	4.94	5.13	5.05	5.12	5.29	5.42	5.51	6.04	6.67	6.58	5.82	5.57
1927.....	4.81	5.08	5.24	4.65	4.30	4.24	4.07	4.13	3.99	4.07	4.01	3.90	4.37
1928.....	3.91	3.92	3.62	3.95	3.78	3.68	3.72	3.68	3.74	4.06	4.50	4.38	3.91
1929.....	4.37	4.23	4.23	4.16	4.21	4.21	4.15	4.14	4.16	4.19	4.12	3.89	4.17
1930.....	3.55	3.55	3.59	3.64	3.72	3.71	3.78	3.82	3.84	3.87	3.74	3.69	3.70
1931.....	3.34	3.05	3.04	2.92	2.83	2.66	2.39	2.32	2.28	2.22	2.24	2.22	2.63
1932.....	2.09	1.98	2.10	2.23	2.26	2.25	2.33	3.00	3.20	3.40	3.36	3.31	2.63
1933.....	3.64	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.77
1934.....	3.78	3.78	3.78	3.78	3.78	3.78	3.91	4.10	4.10	4.10	4.10	4.13	3.93
1935.....	4.40	4.50	4.50	4.40	4.50	4.50	4.54	4.70	4.70	4.70	4.48	4.48	4.54
1936.....	4.15	4.01	3.45	3.45	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.02
1937.....	3.19	3.20	3.20	3.25	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.37
1938.....	2.95	2.95	2.95	2.95	2.95	2.95	3.10						

¹ Quotations to insular possessions and domestic trade.

Bureau of Agricultural Economics.

TABLE 122.—*Rice, No. 1, round, white, clean, 25 percent broken: Average wholesale price per 100 pounds, Saigon, French Indo-China, 1928-38*¹

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	1.96	2.22	2.32	2.36	2.24	2.25	2.27	2.20	2.15	2.25	2.30	2.35	2.24
1929.....	2.37	2.67	2.66	2.46	2.20	2.13	2.11	2.09	2.33	2.30	2.21	2.12	2.30
1930.....	2.16	1.94	1.81	1.66	1.63	1.29	1.26	1.25	1.12	1.05	.98	1.15	1.42
1931.....	1.50	1.34	1.15	1.17	1.09	1.09	1.11	1.12	1.09	1.09	1.05	.99	1.15
1932.....	.96	.90	.83	.75	.75	.76	.76	.73	.74	.85	.98	1.29	.86
1933.....	1.11	1.05	.97	.89	.86	.88	.90	.85	.85	.87	.84	.94	.92
1934.....	1.16	1.21	1.04	1.04	1.03	1.02	1.10	1.14	1.13	1.31	1.31	1.32	1.17
1935.....	1.24	1.32	1.36	1.37	1.16	1.07	1.15	1.32	1.29	1.27	1.30	1.45	1.27
1936.....	1.56	1.54	1.23	1.36	1.55	1.66	1.46	1.32	1.30	1.24	1.31	1.33	1.40
1937.....	1.63	1.51	1.46	1.36	1.42	1.38	1.43	1.42	1.41	1.44	1.43	1.44	1.44
1938.....	1.48	1.47	1.42	1.26	1.04	1.02							

¹ Price is on basis of delivery current month alongside ship, not including taxes but including bags.

Bureau of Agricultural Economics. Compiled in French Indo-Chinese piastres per 100 kg from the Monthly Crop Report and Agricultural Statistics, International Institute of Agriculture, Rome. Averages of Friday quotations. Prior to January 1928, description did not include the term "25 percent broken." Price series converted to dollars per 100 pounds at current monthly rates of exchange as follows: August 1928-December 1929, exchange rates of the French Indo-Chinese piastre, from the Handbook of Foreign Currency and Exchange, U. S. Department of Commerce, 1930, p. 76; January 1930 to date, current monthly exchange rates of the French franc (10 francs=1 piastre), as reported by the Federal Reserve Board.

TABLE 123.—Rice, including flour, meal, and broken rice: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds
British India.....	4,888	224	4,570	352	3,772	548	3,023	358	1,599	2,211
Indochina.....	3,493	0	2,631	1	3,585	2	3,698	5	3,292	14
Siam.....	3,097	1	3,389	0	3,282	0	3,426	0	2,348	0
Italy.....	420	3	376	8	281	7	313	3	345	2
United States.....	252	60	200	34	165	52	22	24	204	183
Spain.....	115	0	83	0	59	0	0	0	0	0
Egypt.....	103	59	120	24	155	1	303	0	325	0
Madagascar.....	41	0	9	15	5	9	5	7	9	2
Brazil.....	14	36	94	0	162	0	90	0	60	0
Total.....	12,432	383	11,472	434	11,466	619	10,880	397	8,191	2,402
PRINCIPAL IMPORTING COUNTRIES	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds	Mil- lion pounds
China.....	6	2,024	8	2,282	14	2,329	59	580	47	713
Manchuria.....	(²)	0	0	0	4	177	4	236	7	160
British Malaya.....	623	1,960	417	1,752	434	1,777	430	1,919	332	1,964
Netherland India.....	51	1,303	41	1,013	54	856	103	514	116	390
Ceylon.....	0	1,048	0	1,034	0	1,228	0	1,181	0	1,162
Japan.....	14	961	122	258	47	87	17	122	16	74
Germany.....	325	848	111	721	61	421	56	381	60	486
France.....	169	532	103	919	51	918	37	1,825	69	1,871
Cuba.....	0	461	0	348	0	494	0	444	0	494
Netherlands.....	224	272	201	248	213	216	251	324	306	369
United Kingdom.....	16	269	9	255	5	244	4	232	3	245
Philippine Islands.....	1	147	4	28	6	16	1	202	5	163
Argentina.....	0	139	1	102	1	78	1	50	0	73
Union of Soviet Socialist Re- publics.....	0	126	3	72	6	86	12	116	12	79
Mauritius.....	0	129	0	125	0	134	0	120	0	-----
Poland.....	1	120	33	78	32	65	33	75	23	65
Czechoslovakia.....	0	112	0	120	0	147	0	114	0	132
Belgium.....	4	91	12	126	6	94	22	129	55	176
Union of South Africa.....	0	87	0	100	0	120	0	126	0	141
Rumania.....	1	55	3	41	6	50	4	40	1	33
Canada.....	1	43	2	45	0	43	3	51	4	77
Jamaica.....	0	20	0	27	0	37	0	40	0	140
Total.....	1,436	10,747	1,079	9,792	940	9,617	1,027	8,821	1,046	8,007

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Year beginning April.⁴ From American consular report.⁵ Not shown prior to 1932; included with data for China.⁶ 3 year average.⁷ Java and Madura only.⁸ 4 year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

Mostly milled rice. Under rice is included paddy, unhulled, rough, cleaned, polished, broken, and cargo rice, in addition to rice flour and meal. Rice bran is not included. Rough rice, or paddy, where specifically reported, has been reduced to terms of milled rice at the ratio of 162 pounds of rough or unhulled to 100 pounds of milled. "Rice, other than whole or cleaned rice," in the returns of the United Kingdom is not considered paddy, since the chief sources of supply indicate that it is practically all hulled rice. Cargo rice, a mixture of hulled and unhulled, is included without being reduced to terms of milled. Broken rice and rice flour and meal, are taken without being reduced to terms of whole milled rice.

TABLE 124.—Buckwheat: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Foreign trade, including flour, year beginning September ²		
						Domestic exports ³	Imports	Net balance ⁴
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels
1866.....	772	15.4	11,861	94.4	11,192			
1867.....	811	13.8	11,184	106.0	11,860			
1868.....	781	13.5	10,520	103.8	10,915			
1869.....			9,822					
1869.....	761	13.7	10,437	86.9	9,073			
1870.....	739	12.5	9,249	79.7	7,369			
1871.....	725	12.8	9,271	82.4	7,637			
1872.....	769	13.4	10,337	83.7	8,653			
1873.....	751	13.8	10,370	81.5	8,448			
1874.....	747	13.4	10,031	80.3	8,055			
1875.....	733	13.9	10,291	72.8	7,643			
1876.....	815	11.8	9,613	71.5	6,870			
1877.....	839	14.1	11,854	69.3	8,211			
1878.....	838	14.3	12,000	52.8	6,339			
1879.....	848	15.9	11,817					
1879.....	842	13.9	11,742	59.6	7,003			
1880.....	818	13.5	11,009	59.2	6,512			
1881.....	800	10.8	8,678	86.7	7,528			
1882.....	800	13.2	10,678	72.8	7,770			
1883.....	804	8.9	7,143	82.0	5,858			
1884.....	782	13.0	10,139	58.4	5,919			
1885.....	826	14.0	11,567	56.0	6,477			
1886.....	802	13.4	10,771	54.3	5,849			
1887.....	799	12.1	9,666	56.6	5,469			
1888.....	812	12.0	9,729	62.9	6,116			
1889.....	837	14.2	12,110					
1889.....	809	14.4	11,654	50.9	5,934			
1890.....	821	14.6	11,979	57.3	6,867			
1891.....	829	15.5	12,863	57.1	7,345			
1892.....	840	14.4	12,119	52.2	6,332			
1893.....	806	12.8	10,330	58.4	6,032			
1894.....	805	13.7	11,024	55.1	6,070			
1895.....	801	15.5	12,426	45.3	5,632			
1896.....	856	16.1	13,791	39.0	5,374	1,678		+1,678
1897.....	827	17.3	14,318	41.9	5,993	1,368		+1,368
1898.....	794	15.3	12,187	44.8	5,455	1,534		+1,534
1899.....	807	15.9	11,254					
1899.....	803	13.9	11,197	56.1	6,279	426		+426
1900.....	791	14.8	11,709	55.8	6,535	124		+124
1901.....	807	18.8	15,145	56.3	8,533	737		+737
1902.....	810	16.7	13,547	59.5	8,062	129		+129
1903.....	824	17.3	14,263	60.8	8,669	4		+4
1904.....	831	18.6	15,489	62.5	9,675	317		+317
1905.....	825	19.4	15,997	58.3	9,333	770		+770
1905.....	821	18.0	14,806	59.4	8,802	124		+124
1907.....	833	17.1	14,225	69.9	9,938	116		+116
1908.....	842	17.4	14,675	77.7	11,406	195		+195
1909.....	878	16.9	14,849					
1909.....	871	16.9	14,762	72.3	10,670	150		+150
1910.....	840	17.3	14,536	67.5	9,813	(⁵)		
1911.....	805	17.3	13,888	75.8	10,526	(⁵)		
1912.....	804	18.8	15,095	67.8	10,241	1		+1
1913.....	774	13.2	10,208	76.2	7,781			
1914.....	752	17.2	12,919	80.6	10,419	434		+434
1915.....	754	16.6	12,523	81.6	10,216	545		+545
1916.....	786	13.1	10,302	126.6	13,041	209		+209
1917.....	926	14.7	13,605	167.1	22,736	6		+6
1918.....	1,018	14.1	14,404	163.9	23,609	151		+151
1919.....	745	17.1	12,690					
1919.....	733	17.3	12,707	158.7	20,163	223		+223
1920.....	729	16.7	12,193	125.4	15,288	390		+390
1921.....	640	18.5	11,822	87.9	10,391	498		+498
1922.....	729	16.2	11,776	80.5	10,536	* 166		+166
1923.....	689	16.8	11,596	95.8	11,104	86		+86
1924.....	717	16.8	12,004					
1924.....	737	17.0	12,508	107.4	13,433	197	7 560	-263
1925.....	742	16.9	12,559	87.2	10,950	103	70	+33
1926.....	679	16.2	10,976	87.1	9,565	35	86	-51
1927.....	764	16.8	12,820	86.9	11,137	558	64	+494
1928.....	679	14.9	10,117	89.9	9,095	226	76	+150
1929.....	622	15.4	8,559					
1929.....	627	13.9	8,692	96.3	8,367	21	* 89	-68

See footnotes at end of table.

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TABLE 124.—*Buckwheat: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued*

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Foreign trade, including flour, year beginning September ²		
						Domestic exports ³	Imports	Net balance ⁴
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels
1930.....	573	12.1	6,960	78.9	5,493	115	-----	+115
1931.....	505	17.6	8,890	42.3	3,764	510	-----	+510
1932.....	454	14.8	6,727	43.4	2,918	16	-----	+16
1933.....	462	17.0	7,844	55.8	4,380	54	-----	+54
1934.....	477	18.9	9,026	58.6	5,285	43	-----	+43
1935.....	503	16.6	8,332	55.0	4,583	1	9 25	-24
1936.....	375	16.8	6,285	55.6	5,381	2	140	-138
1937.....	426	15.9	6,764	67.0	4,530	390	2	+397
1938 ⁵	453	14.8	6,682	55.5	3,708	-----	-----	-----

¹ Prior to 1908 prices are as of Dec. 1.² Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Bureau of Foreign and Domestic Commerce. Buckwheat, general imports 1925-30; imports for consumption, 1935 to date. Buckwheat flour converted to terms of grain on the basis that 1 barrel of flour is the product of 7 bushels of grain.³ Not separately stated prior to July 1896.⁴ Net exports indicated by +, net imports indicated by -.⁵ Less than 500 bushels.⁶ Includes buckwheat flour 1922-25.⁷ Not available on crop year basis prior to this date.⁸ September-December 1929; not separately reported until 1935.⁹ Imports for consumption beginning 1935.¹⁰ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 125.—*Buckwheat: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State and division	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents
Maine.....	12	11	10	18.3	15.0	13.0	218	165	130	78	75
Vermont.....	2	2	2	21.6	18.0	17.0	43	36	34	81	75
New York.....	156	144	161	17.3	17.0	15.5	2,670	2,448	2,496	65	53
New Jersey.....	1	1	1	19.9	21.0	17.0	22	21	17	79	64
Pennsylvania.....	157	130	140	18.0	17.5	15.5	2,813	2,275	2,170	64	54
North Atlantic.....	327	288	314	17.7	17.2	15.4	5,765	4,945	4,847	65.2	54.3
Ohio.....	24	16	14	17.2	15.5	15.0	407	248	210	70	56
Indiana.....	16	11	14	13.9	13.0	14.0	222	143	196	74	55
Illinois.....	7	3	3	14.5	14.0	16.5	110	42	50	77	59
Michigan.....	25	15	18	11.5	13.5	13.5	292	202	243	62	50
Wisconsin.....	18	15	12	11.4	10.0	12.5	203	180	150	70	55
Minnesota.....	43	18	15	9.1	10.5	11.5	429	188	172	63	46
Iowa.....	7	6	3	12.4	11.0	15.0	92	66	45	74	70
Missouri.....	1	1	1	10.4	10.0	9.5	10	10	10	78	69
North Dakota.....	12	6	9	6.8	11.0	7.0	121	66	63	73	52
South Dakota.....	10	5	6	8.0	7.0	7.0	110	35	42	62	41
North Central.....	163	93	95	12.2	12.0	12.4	2,003	1,120	1,181	68.7	53.2
Delaware.....	1	1	1	11.2	13.0	10.0	11	13	10	72	62
Maryland.....	6	5	6	19.2	19.5	20.0	121	96	120	70	62
Virginia.....	14	14	13	12.9	13.5	12.5	182	189	162	77	72
West Virginia.....	21	17	16	17.5	17.5	16.0	380	298	256	79	68
North Carolina.....	4	4	4	14.2	13.0	13.0	62	52	52	80	76
South Atlantic.....	47	41	40	16.0	15.9	15.0	756	650	600	77.1	68.5
Kentucky.....	2	2	2	9.6	11.0	13.5	21	22	27	78	72
Tennessee.....	2	2	2	12.4	13.5	13.5	25	27	27	76	73
South Central.....	4	4	4	10.9	12.2	13.5	46	49	64	77.6	72.2
United States.....	542	426	463	15.9	15.9	14.8	8,569	6,764	6,682	67.0	55.5

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 126.—*Buckwheat: Production and farm disposition, United States, 1909-37*

Crop of—	Pro- duction	Used for seed		Fed to live- stock ¹	Ground at mills for home use or ex- changed for flour	Sold	Crop of—	Pro- duction	Used for seed		Fed to live- stock ¹	Ground at mills for home use or ex- changed for flour	Sold
		Total ²	Home grown ³						Total ²	Home grown ³			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1909...	14,762	816	519	4,849	841	8,553	1924...	12,508	702	416	7,377	566	4,149
1910...	14,536	783	502	5,069	823	8,142	1925...	12,559	641	394	7,374	564	4,227
1911...	13,888	782	495	5,066	798	7,529	1926...	10,976	707	380	5,465	517	4,614
1912...	15,095	751	484	5,755	799	8,057	1927...	12,820	628	382	7,105	529	4,804
1913...	10,206	733	468	3,805	781	5,154	1928...	10,117	590	354	4,879	465	4,419
1914...	12,919	733	463	5,273	742	6,441	1929...	8,692	546	334	4,017	437	3,904
1915...	12,323	763	469	5,197	748	6,109	1930...	6,960	486	310	2,940	360	3,320
1916...	10,302	869	599	4,079	775	4,942	1931...	8,890	438	279	5,158	363	3,090
1917...	13,605	976	567	5,696	915	6,427	1932...	6,727	446	269	3,267	340	2,851
1918...	14,404	706	473	6,224	1,011	6,696	1933...	7,844	458	275	4,326	362	2,881
1919...	12,707	699	427	5,868	728	5,684	1934...	9,026	480	278	5,536	355	2,857
1920...	12,193	610	394	5,860	691	5,248	1935...	8,332	363	240	4,774	365	2,953
1921...	11,822	686	386	5,971	584	4,881	1936...	6,285	411	230	3,298	286	2,471
1922...	11,776	654	398	6,131	621	4,626	1937...	6,764	438	257	3,601	315	2,591
1923...	11,590	698	405	6,306	565	4,320							

¹ Does not include buckwheat used for seed in those States for which production estimates of buckwheat for grain are not made.

² Relates to quantities used by producers on their own farms. Additional quantities of purchased buckwheat are so utilized.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 127.—*Buckwheat: Average price per bushel received by farmers, United States, 1928-38*

Year beginning September	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	92.6	84.5	84.8	88.7	91.2	94.3	94.1	96.4	95.5	94.7	100.4	99.6	89.9
1929.....	96.6	95.8	95.6	95.9	97.3	95.8	94.9	94.8	95.7	100.0	98.3	97.4	96.3
1930.....	97.1	90.5	84.4	79.7	78.9	76.3	77.0	74.9	72.9	72.3	69.8	59.2	78.9
1931.....	52.2	40.2	41.2	41.9	42.1	40.9	41.7	41.4	40.9	42.3	44.2	44.3	42.3
1932.....	43.0	40.3	39.0	38.3	39.2	39.1	39.5	42.7	48.4	53.6	66.3	67.3	43.4
1933.....	68.4	56.7	52.5	51.3	52.1	52.8	54.3	55.5	55.5	60.8	64.7	67.0	55.8
1934.....	68.8	60.4	55.5	55.1	57.7	59.7	59.6	59.7	60.7	62.5	62.1	59.6	58.6
1935.....	57.2	53.1	52.1	51.6	51.7	53.9	53.9	55.0	55.6	57.2	66.4	78.7	55.0
1936.....	81.9	78.3	76.8	79.7	86.4	90.7	92.1	94.3	97.2	100.3	100.8	93.5	85.6
1937.....	76.8	62.4	63.9	64.3	65.5	67.9	70.1	69.8	72.1	72.2	73.9	65.6	67.0
1938.....	59.4	54.5	53.4	52.9	53.7	54.5	54.9	54.4	55.0	-----	-----	-----	155.5

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 531.

TABLE 128.—*Sorghums cut for grain, forage, and all purposes: Acreage, production, and season average price per bushel received by farmers, United States, 1919-38*¹

Year	Grain			Forage			All purposes				
	Acreage harvested	Average yield per acre	Production	Acreage harvested	Average yield per acre	Production	Acreage harvested	Equivalent yield per acre	Equivalent production on total acreage	Price ²	Farm value
	1,000 acres	Bushels	1,000 bushels	1,000 acres	Short tons	1,000 short tons	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars
1919.....	5,819	19.9	72,080								
1919.....	3,630	20.4	73,952	2,565	1.67	4,438	6,295	19.4	122,330	128.0	156,531
1920.....	4,027	21.8	87,734	2,513	1.78	4,479	6,510	20.9	136,367	94.2	128,504
1921.....	3,700	19.2	70,950	2,424	1.57	3,794	6,124	18.3	112,273	39.2	44,062
1922.....	3,369	14.7	49,523	2,127	1.37	2,917	5,496	13.7	75,530	87.2	65,898
1923.....	4,204	14.7	61,648	2,150	1.40	3,015	6,354	13.9	88,466	93.5	82,674
1924.....	5,528	16.6	58,700								
1924.....	3,519	17.4	61,079	2,451	1.41	3,464	5,970	16.3	97,166	85.7	83,248
1925.....	3,917	14.6	57,161	2,804	1.30	3,644	6,721	13.4	90,390	75.3	68,072
1926.....	4,211	16.8	70,783	2,557	1.35	3,449	6,768	16.0	108,136	54.4	58,798
1927.....	4,280	19.0	81,130	2,755	1.49	4,113	7,015	18.3	128,028	80.4	102,901
1928.....	4,115	18.7	76,797	2,534	1.49	3,781	6,649	18.1	120,621	68.4	82,517
1929 ³	5,522	15.9	49,080								
1929.....	3,464	14.2	49,115	2,930	1.35	3,951	6,394	12.9	82,214	73.2	60,153
1930.....	3,437	10.7	36,811	3,152	1.18	3,705	6,589	9.5	62,570	53.9	35,579
1931.....	4,667	16.3	76,047	2,816	1.30	3,667	7,483	15.2	113,649	26.3	29,940
1932.....	4,433	15.0	66,632	3,533	1.28	4,517	7,966	12.8	109,745	29.8	32,698
1933.....	4,483	12.5	55,931	2,824	1.24	3,514	7,307	11.3	82,685	51.0	42,164
1934.....	2,370	7.8	18,569								
1934.....	2,747	7.9	18,521	4,483	.87	3,920	6,830	5.9	40,225	99.8	40,133
1935.....	4,222	12.9	54,634	5,132	1.32	6,757	9,354	10.5	98,495	56.1	55,236
1936.....	2,593	11.2	29,003	4,285	.90	3,846	6,878	8.0	55,079	94.8	52,207
1937.....	4,670	14.3	66,556	2,806	1.28	3,582	7,476	13.1	97,679	48.8	47,656
1938 ⁴	4,272	14.3	61,020	3,520	1.42	5,001	7,792	12.9	100,816	42.1	42,441

¹ Includes kafirs, milo, feterita, durra, etc.² From 1919 to 1924, Nov. 15 price; 1925 and 1926, Dec. 1 price.³ Includes sorgo seed.⁴ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 129.—*Sorghums: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*¹

State	Acreage for all purposes			Yield per acre ²			Production for all purposes			Price for crop—	
	Average 1927-36	1937	1938 ³	Average 1927-36	1937	1938 ³	Average 1927-36	1937	1938 ³	1937	1938 ³
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents
Missouri.....	172	300	250	11.4	16.0	14.5	1,822	4,900	3,625	65	56
South Dakota.....		97	301		6.0	8.0		582	2,408	60	43
Nebraska.....	76	184	438	11.0	9.5	15.0	629	1,748	6,570	61	37
Kansas.....	1,275	1,370	1,343	11.6	9.0	11.0	14,463	12,330	14,773	46	38
Arkansas.....	469	80	60	9.2	11.0	9.5	4,635	880	570	52	45
Oklahoma.....	1,452	1,381	1,211	9.2	10.0	10.5	13,490	13,810	12,716	53	43
Texas.....	3,565	3,271	3,238	13.8	16.0	14.5	49,458	52,336	46,951	45	42
Colorado.....	228	234	421	8.4	6.5	11.0	1,909	1,521	4,631	47	39
New Mexico.....	290	375	350	11.2	12.0	8.5	3,312	4,500	2,975	46	39
Arizona.....	34	39	35	26.2	28.5	31.5	898	1,112	1,102	59	49
California.....	98	145	145	28.4	28.0	31.0	2,842	4,060	4,495	66	53
United States.....	7,246	7,476	7,792	12.4	13.1	12.9	89,331	97,679	100,816	48.8	42.1

¹ Kafirs, milo, feterita, durra, etc.² Includes grain equivalent on forage acreage.³ Preliminary.⁴ Short-time average.

Bureau of Agricultural Economics.

TABLE 130.—*Grain sorghums: Production and farm disposition, United States, 1919-37*

Crop of—	Production for all purposes	Sold	Feed and seed ¹	Crop of—	Production for all purposes	Sold	Feed and seed ¹	Crop of—	Production for all purposes	Sold	Feed and seed ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1919....	122,330	15,865	106,465	1926....	108,136	14,570	93,566	1933....	82,685	11,314	71,371
1920....	136,367	17,288	119,079	1927....	128,028	20,522	107,506	1934....	40,225	2,276	37,949
1921....	112,273	15,359	96,914	1928....	120,621	15,031	105,590	1935....	98,495	12,237	86,258
1922....	75,530	7,638	67,892	1929....	82,214	11,055	71,159	1936....	55,079	6,381	48,698
1923....	88,466	10,502	77,964	1930....	62,570	6,849	55,721	1937....	97,679	18,325	79,354
1924....	97,166	11,909	85,257	1931....	113,649	16,755	96,894				
1925....	90,390	9,391	80,999	1932....	109,745	12,635	97,110				

¹ Relates to quantities used by producers on their own farms. Additional quantities of purchased grain sorghums are so utilized.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 131.—*Grain sorghums: Receipts graded by licensed inspectors, all inspection points, by months, 1928-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	1,329	2,348	4,199	4,086	2,895	2,535	1,695	1,555	2,025	1,191	1,121	524	25,503
1929.....	910	1,634	2,465	1,532	1,861	1,273	1,194	932	844	292	304	257	13,498
1930.....	286	1,001	985	767	616	519	517	458	652	207	322	489	6,819
1931.....	1,381	2,554	919	1,125	2,714	2,829	2,399	1,336	1,275	502	383	305	17,722
1932.....	491	472	419	468	307	348	593	502	315	484	230	153	4,782
1933.....	153	622	521	488	418	351	485	440	651	413	318	196	5,056
1934.....	115	194	358	195	188	160	126	120	225	371	377	237	2,666
1935.....	367	452	583	737	520	628	577	471	457	600	668	312	6,361
1936.....	397	728	741	411	331	253	238	148	174	408	118	291	4,238
1937.....	497	963	629	864	403	329	221	238	481	358	165	144	5,292
1938.....	281	418	319	340	133	230	280	-----	-----	-----	-----	-----	-----

¹ Revised standards effective Sept. 1, 1934.

Bureau of Agricultural Economics.

TABLE 132.—*Grain sorghums: Receipts graded by licensed inspectors, all inspection points, total of all classes under each grade, 1928-37*

Year beginning October	Grade					Total
	No. 1	No. 2	No. 3	No. 4	Sample	
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	967	7,936	5,328	7,149	4,123	25,503
1929.....	449	4,610	3,724	3,200	1,515	13,498
1930.....	217	2,327	2,484	1,287	504	6,819
1931.....	1,243	11,868	3,148	952	511	17,722
1932.....	317	2,094	1,176	719	476	4,782
1933.....	468	2,804	1,142	357	285	5,056
1934.....	595	1,031	480	175	385	2,666
1935.....	1,778	2,666	922	441	554	6,361
1936.....	664	1,678	836	377	683	4,238
1937.....	919	2,879	872	331	291	5,292

¹ Revised standards effective Sept. 1, 1934.

Bureau of Agricultural Economics. Figures in this table have been changed to the basis of year beginning October, whereas in earlier Yearbooks this table was on the basis of year beginning July.

TABLE 133.—*Feed grains: Supply in the United States, 1926-38*

Year	Corn supply, Oct. 1 ¹	Oats supply, July 1 ¹	Barley supply, June 1 ¹	Grain sorghum production	Total ²	Hay supply ³
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1926	79,099	22,707	44,249	3,028	109,083	85,225
1927	79,335	20,211	45,896	3,885	109,640	105,640
1928	77,216	22,849	48,133	3,377	111,575	98,000
1929	74,742	20,779	47,314	2,302	105,137	95,948
1930	62,069	22,866	47,647	1,752	94,334	84,128
1931	76,815	20,791	45,261	3,182	106,049	82,409
1932	89,645	22,462	47,385	3,073	122,565	92,366
1933	78,007	15,465	44,416	2,315	100,203	85,846
1934	80,350	10,774	3,671	1,126	65,921	67,590
1935	66,327	20,402	7,382	2,738	96,873	94,460
1936	47,226	17,023	5,368	1,542	71,159	84,110
1937	76,090	20,028	5,940	2,735	104,793	88,664
1938	81,320	20,059	6,933	2,823	111,135	103,467

¹ Total production plus farm and commercial stocks on the dates specified.² Total supply of corn, oats, and barley on dates shown, plus production of grain sorghums.³ Hay stocks on farms May 1 plus production of tame and wild hay.⁴ Supply Aug. 1.

Bureau of Agricultural Economics.

TABLE 134.—*Oilseed cake and meal: Supplies for domestic use, United States, 1921-22 to 1937-38¹*

Season	Cottonseed cake and meal	Soybean cake and meal ²	Linseed cake and meal	Peanut cake and meal ³	Copra cake and meal ³	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1921-22	1,102.9	10.8	219.4	23.2	61.9	1,418.2
1922-23	1,260.9	16.1	337.4	9.8	90.3	1,714.5
1923-24	1,394.4	23.6	397.1	6.2	88.4	1,909.7
1924-25	1,670.8	25.7	453.7	15.4	71.1	2,236.7
1925-26	2,241.9	28.2	477.6	12.1	92.9	2,852.7
1926-27	2,339.1	32.0	461.7	9.8	101.4	2,954.0
1927-28	1,800.6	61.1	530.5	22.4	100.0	2,514.6
1928-29	2,005.2	90.7	475.5	17.5	115.4	2,704.3
1929-30	2,094.3	112.5	396.1	35.0	114.9	2,752.8
1930-31	2,120.6	121.7	370.2	17.6	101.5	2,731.6
1931-32	2,186.3	132.0	221.9	13.7	79.2	2,633.1
1932-33	1,945.8	113.0	220.0	16.9	99.8	2,395.5
1933-34	1,816.6	99.4	161.2	11.4	122.3	2,210.9
1934-35	1,662.4	287.2	222.5	49.1	115.9	2,356.9
1935-36	1,731.6	619.9	286.2	49.8	134.2	2,821.7
1936-37	2,056.6	548.0	303.1	69.0	142.1	3,118.8
1937-38 ⁴	2,739.2	731.7	205.9	52.1	123.3	3,852.2

¹ Supplies include production, plus imports and less exports. Season includes months October through September except for cottonseed cake and meal, the season for which is August through July. Imports prior to 1929-30 are for calendar years.² Exports, if any, not separately reported.³ Preliminary.

Bureau of Agricultural Economics. Computed from records of the Bureau of the Census and the Bureau of Foreign and Domestic Commerce.

TABLE 135.—*Tankage, digester (60 percent protein): Average price per ton, at Chicago, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928	70.00	70.00	70.00	71.70	75.00	75.00	72.00	70.00	69.00	70.00	70.00	70.00	71.06
1929	67.50	70.00	71.25	72.50	70.00	68.15	65.65	65.00	61.00	60.00	60.00	60.00	65.92
1930	56.25	55.00	60.00	60.00	57.00	53.75	50.00	47.50	45.00	40.00	40.00	35.00	49.96
1931	35.00	33.00	30.00	30.00	33.15	35.00	30.00	25.00	25.00	25.00	25.00	21.25	28.95
1932	23.75	27.00	25.00	25.00	20.00	19.75	21.50	22.50	28.15	33.15	40.00	42.50	27.36
1933	40.00	35.00	31.25	30.00	30.00	27.50	27.90	33.95	36.65	31.65	28.00	27.50	31.70
1934	30.00	35.00	50.00	45.00	40.00	44.00	49.50	45.75	43.75	40.00	40.00	40.00	41.92
1935	40.00	40.30	40.00	43.00	44.90	46.90	49.40	49.75	47.40	43.75	41.55	42.40	44.11
1936	49.40	67.90	61.50	56.90	58.75	61.50	64.40	61.25	55.20	55.00	53.30	51.00	67.20
1937	51.10	50.20	49.40	51.50	48.30	48.75	50.60	50.00	46.00	44.40	40.50	39.40	47.51
1938	44.40	44.50	43.75	47.50	48.50	55.00	58.25	51.25	54.70	55.00	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports made directly to the Bureau by its representative in the market. Prices are simple averages of 1 day's quotation each week, bagged, carlot basis.

TABLE 136.—*Grains used in the production of alcohol, distilled spirits, and fermented malt liquors, 1929-37*

Year beginning July	Corn			Barley			Rye for alcohol and distilled spirits	Wheat for alcohol and distilled spirits
	Alcohol and distilled spirits	Fermented malt liquors	Total	Alcohol and distilled spirits	Fermented malt liquors	Total		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	9,966	227	10,193	963	3,558	4,551	208	11
1930.....	2,454	170	2,624	963	2,957	3,920	6,385	26
1931.....	4,848	116	4,964	757	2,577	3,334	218	3,091
1932.....	5,818	1,011	6,829	838	10,278	11,116	564	6
1933.....	12,777	4,587	17,364	4,142	38,325	42,467	4,509	44
1934.....	20,566	6,086	26,652	7,202	46,143	53,345	10,240	51
1935.....	31,825	8,035	39,860	9,958	52,198	62,156	12,855	-----
1936.....	36,242	7,555	43,797	10,356	65,207	68,563	11,633	51
1937.....	19,827	6,697	26,524	5,625	55,076	60,601	6,055	39

Bureau of Agricultural Economics. Compiled from reports of the Bureau of Internal Revenue, Alcohol Tax Unit.

STATISTICS OF COTTON, SUGAR, AND TOBACCO

TABLE 137.—Cotton: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage in cultivation July 1 ¹	Acreage harvested	Average yield per acre	Production ²	Season average price per pound received by farmers ³	Farm value	Market price per pound, year beginning August ⁴		Foreign trade, year beginning August			
							New York	New Orleans	Domestic exports ⁵	Imports ⁶	Net exports ⁷	
	1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	Cents	Cents	1,000 bales	1,000 bales	1,000 bales	
1866		7,666	121.5	2,097			32.16		1,323	2	1,324	
1867		7,864	142.6	2,520			24.54		1,511	2	1,510	
1868		6,973	150.7	2,366			28.64		1,288	6	1,284	
1869		7,751	155.4	3,011			25.31		1,980	4	1,977	
1870		9,238	208.2	4,352			17.04		2,894	3	2,893	
1871		8,285	159.0	2,974			21.88		1,851	7	1,844	
1872		9,580	182.3	3,933			20.22		2,437	11	2,426	
1873		10,908	168.3	4,168			17.29		2,706	5	2,702	
1874		10,753	157.0	3,836			15.67		2,523	5	2,520	
1875		11,348	181.2	4,631			13.10		3,003	5	2,999	
1876		11,747	167.6	4,474	9.71	200,791	11.89		2,869	6	2,864	
1877		12,006	170.4	4,773	8.53	192,217	11.17		3,198	7	3,194	
1878		13,539	167.5	5,074	8.16	194,224	10.82		3,265	6	3,259	
1879		14,480		5,755								
1879		14,474	180.5	5,756	10.28	281,784	12.13		3,711	7	3,705	
1880		15,921	190.9	6,606	9.83	312,925	11.36		4,409	9	4,403	
1881		16,483	149.0	5,456	10.66	274,440	12.09		3,430	9	3,426	
1882		15,638	208.9	6,949	9.12	311,644	10.81		4,582	9	4,577	
1883		16,295	162.0	5,713	9.13	252,501	10.87		3,745	15	3,734	
1884		16,849	155.1	5,682	9.19	251,581	10.74		3,740	10	3,733	
1885		17,922	169.9	6,576	8.39	267,481	9.47		4,193	11	4,185	
1886		18,370	164.3	6,505	8.06	254,733	9.91		4,274	9	4,266	
1887		18,793	175.1	7,047	8.55	294,527	10.15		4,557	11	4,547	
1888		19,520	160.5	6,938	8.50	294,183	10.44		4,720	17	4,704	
1889		20,175		7,473								
1889		20,191	176.9	7,473	8.55	319,334	11.27	10.69	4,934	19	4,915	
1890		20,937	195.5	8,653	8.59	368,108	9.48	9.08	5,859	45	5,815	
1891		21,503	198.7	9,035	7.24	323,943	7.68	7.28	5,888	61	5,827	
1892		18,869	168.7	6,700	8.34	277,556	8.45	8.15	4,456	90	4,363	
1893		20,256	175.3	7,493	7.00	260,096	7.75	7.30	5,309	58	5,258	
1894		21,886	219.0	9,901	4.59	230,071	6.38	5.86	7,010	104	6,908	
1895		19,839	172.2	7,162	7.62	272,378	8.10	7.68	4,710	115	4,595	
1896		23,230	175.2	8,533	6.66	283,463	7.71	7.28	6,172	119	6,057	
1897		25,131	209.0	10,899	6.68	367,065	6.40	5.84	7,757	102	7,656	
1898		24,715	223.1	11,278	5.73	330,282	6.00	5.46	7,662	105	7,557	
1899		24,275		9,557								
1899		24,163	185.0	9,346	6.98	326,208	8.36	8.03	6,228	140	6,091	
1900		24,886	194.7	10,124	9.15	463,295	9.38		6,800	109	6,692	
1901		27,050	168.2	9,508	7.03	334,075	8.73	8.40	6,949	202	6,750	
1902		27,561	184.7	10,630	7.60	403,717	9.96	9.64	7,084	151	6,936	
1903		27,762	169.9	9,851	10.49	516,764	12.84	12.49	6,207	103	6,107	
1904		30,077	213.7	13,438	8.98	603,433	9.09	8.70	8,908	129	8,781	
1905		27,753	182.3	10,576	10.78	569,788	11.30	10.97	7,118	144	6,980	
1906		31,404	202.3	13,274	9.58	635,537	11.24	10.92	8,943	227	8,716	
1907		30,729	172.9	11,106	10.36	575,207	11.53	11.41	7,666	153	7,518	
1908		31,091	203.8	13,241	9.01	596,611	10.23	9.80	8,955	181	8,778	
1909		32,044		10,648								
1909		31,744	30,555	176.5	10,005	13.60	680,249	14.66	14.33	6,353	170	6,194
1910		32,480	31,508	176.2	11,609	13.95	809,722	14.87	14.65	8,027	245	7,787
1911		35,634	34,916	215.0	15,694	9.60	752,946	10.85	10.85	11,116	253	10,865
1912		33,199	32,557	201.4	13,703	11.49	787,223	12.29	12.20	9,946	249	9,697
1913		35,721	35,206	192.3	14,153	12.51	884,904	13.21	13.12	9,508	273	9,231
1914		36,197	35,615	216.4	16,112	7.36	592,799	12.89		8,702	400	8,322
1915		30,544	29,951	178.5	11,172	11.22	626,752	11.98	11.68	6,113	458	5,673

See footnotes at end of table.

TABLE 137.—*Cotton: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued*

Year	Acreage in cultivation July 1 ¹	Acreage harvested	Average yield per acre	Production ²	Season average price per pound received by farmers ³	Farm value	Market price per pound, year beginning August ⁴		Foreign trade, year beginning August		
							New York	New Orleans	Domestic exports ⁵	Imports ⁶	Net exports ⁷
	1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	Cents	Cents	1,000 bales	1,000 bales	1,000 bales
1916.....	33,977	33,071	165.6	11,448	17.33	992,160	19.28	18.84	5,525	311	5,219
1917.....	33,064	32,245	167.4	11,284	27.12	1,529,815	29.68	28.96	4,402	231	4,175
1918.....	36,123	35,058	164.1	12,018	28.92	1,737,998	31.01	29.87	5,774	211	5,568
1919.....	34,573	32,906	165.9	11,411	35.41	2,020,161	38.29	38.21	6,707	732	5,963
1920.....	35,872	34,408	186.7	13,429	15.92	1,069,310	17.89	16.55	5,973	237	5,733
1921.....	29,716	28,678	132.5	7,945	17.01	675,745	18.92	17.92	6,348	380	5,968
1922.....	32,176	31,361	148.8	9,755	22.87	1,115,554	26.24	25.94	5,007	492	4,536
1923.....	37,000	35,550	136.4	10,140	28.60	1,454,290	31.11	30.33	5,815	306	5,530
1924.....	39,501	38,501	165.0	13,630	22.91	1,561,021	24.74	24.21	8,240	328	7,923
1925.....	45,968	44,886	173.5	16,108	19.59	1,577,091	20.33	19.71	8,267	340	7,939
1926.....	45,839	44,608	192.9	17,978	12.47	1,121,185	15.15	14.74	11,299	419	10,900
1927.....	39,471	38,342	161.7	12,956	20.19	1,308,088	20.42	19.98	7,857	354	7,522
1928.....	43,737	42,434	163.3	14,477	17.99	1,302,049	19.73	18.98	8,419	479	7,957
1929.....	44,448	43,232	164.2	14,825	16.79	1,244,852	16.60	16.16	7,035	396	6,650
1930.....	43,329	42,444	157.1	13,932	9.46	659,044	10.38	10.08	7,133	112	7,029
1931.....	39,110	38,704	211.5	17,067	5.66	483,639	6.34	6.20	9,193	138	9,061
1932.....	36,494	35,801	173.5	13,093	6.52	424,613	7.37	7.26	8,805	136	8,766
1933.....	40,248	39,383	212.7	13,947	10.17	665,516	11.09	10.92	7,964	186	7,815
1934.....	27,860	26,866	171.6	9,636	12.36	595,615	12.44	12.44	5,037	112	4,925
1935.....	28,063	27,509	185.1	10,638	11.09	590,136	11.75	11.65	6,267	162	6,105
1936.....	30,627	29,755	199.4	12,399	12.33	764,432	12.93	12.79	5,689	265	5,424
1937.....	34,090	33,623	269.9	18,946	8.41	796,179	8.75	8.79	5,976	166	5,810
1938 ¹⁶	25,018	24,248	235.8	11,943	8.59	513,127					

¹ For 1909 to 1926, inclusive, the acreage figures relate to June 25 instead of July 1.² Department figures are in running bales for all years prior to 1899, and in 500-pound gross-weight bales 1899-1938. Agricultural census figures for all periods are in running bales.³ Prior to 1908 prices are as of Dec. 1.⁴ New York prices 1866 to August 1871, Chronological and Statistical History of Cotton, by E. J. Donnell; 1871 to August 1900, Commercial and Financial Chronicle, average of daily quotations; beginning 1900 from reports of the New York Cotton Exchange except Sept. 23-Nov. 16, 1914, when the Exchange was closed (prices for this period from the Commercial and Financial Chronicle). New Orleans prices were from same sources prior to Aug. 16, 1915; since which date, from reports of the New Orleans Cotton Exchange direct to this Bureau. These central market prices are for middling grade, 3/4-inch staple, only.⁵ Excluding linters from 1914 to 1937.⁶ Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June and July 1919-38, and January 1927-38.⁷ Bales of 500 pounds gross weight.⁸ Bales of 478 pounds net, which are equivalent to bales of 500 pounds gross weight.⁹ Total exports (domestic plus foreign) minus imports.¹⁰ Year beginning July.¹¹ 13 months, July-July.¹² Average for 9 months only. Exchange closed Aug. 1-Nov. 17, on account of war.¹³ Area in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.¹⁴ The season average prices for the 1933, 1934, 1935, 1937, and 1938 crops include unredeemed loan cotton at average loan value.¹⁵ Includes imports for consumption, beginning January 1934; reexports not considered beginning this date.¹⁶ Preliminary.

Bureau of Agricultural Economics. Agricultural census figures in italics. Production figures conform with census annual ginning enumerations, with allowance for cross State ginnings. State figures rounded to thousands and added for United States total. Cotton grown in Lower California, Old Mexico, ginned in California, from 1913 to 1924 has been excluded.

TABLE 138.—*Cotton: Acreage, yield, production of lint in 500-pound gross-weight bales, and season average price per pound received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested			Yield per acre			Production			Price for crop of 1—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	1937	1938 ³
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 bales	1,000 bales	1,000 bales	Cts.	Cts.
Missouri.....	357	538	357	296	346	450	223	404	336	7.57	8.76
Virginia.....	68	66	40	277	312	149	40	43	12	8.34	8.50
North Carolina.....	1,265	1,103	857	274	338	216	710	780	388	8.58	8.72
South Carolina.....	1,686	1,695	1,243	231	289	249	798	1,023	648	8.56	8.84
Georgia.....	2,761	2,661	2,009	203	270	203	1,152	1,500	852	8.61	8.63
Florida.....	106	118	76	139	162	163	31	40	26	8.70	9.18
Tennessee.....	943	937	733	223	338	320	436	661	490	8.09	9.04
Alabama.....	2,903	2,694	2,058	194	290	251	1,159	1,631	1,081	8.53	8.45
Mississippi.....	3,426	3,421	2,533	207	377	322	1,462	2,692	1,704	8.57	8.94
Arkansas.....	2,897	2,782	2,125	196	328	304	1,182	1,904	1,349	8.13	8.72
Louisiana.....	1,584	1,569	1,119	199	337	289	655	1,104	676	8.40	8.57
Oklahoma.....	3,221	2,372	1,656	131	156	163	903	773	563	7.22	7.96
Texas.....	13,710	12,539	8,784	140	197	168	3,997	5,154	3,086	8.44	8.23
New Mexico.....	110	150	94	391	490	489	89	163	96	8.43	8.92
Arizona.....	170	299	203	355	501	462	127	313	196	9.00	9.29
California.....	226	620	341	468	570	596	225	738	424	8.75	9.05
All other.....	23	30	20	254	361	379	12	23	16	7.81	7.77
United States.....	35,456	33,623	24,248	180.0	269.9	235.8	13,201	18,946	11,943	8.41	8.59
Georgia Sea-Island ⁴	-----	3.8	16.0	-----	90	57	-----	0.7	1.9	-----	-----
Florida Sea-Island ⁴	-----	15.4	14.0	-----	77	51	-----	2.5	1.5	-----	-----
Arizona Egyptian ⁴	39	21	44	233	269	234	20	12	21	-----	-----
Lower California (Old Mexico) ⁴	97	140	94	219	179	172	46	52	34	-----	-----

¹ The season average prices include unredeemed loan cotton at average loan value.² Preliminary.³ Included in State and United States totals.⁴ Not included in California figures nor in United States totals.

Bureau of Agricultural Economics. Production figures conform with census annual ginning enumerations, with allowance for cross-State ginnings, State figures rounded to thousands and added for United States total.

TABLE 139.—Cotton: Production, world and selected countries, 1909-38¹

Year be- ginning August	Esti- mated world total includ- ing China	Production in selected countries										
		United States	India ²	China ³	Union of Soviet Social- ist Repub- lics	Egypt	Brazil	Peru	Mex- ico	Argen- tina	Ugan- da	Anglo- Egyp- tian Sudan
	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴
1909.....	10,005	3,998				1,036	324	120	128	2	11	12
1910.....	11,609	3,254				1,555	357	88	200	2	17	18
1911.....	15,694	2,730				1,530	360	96	160	2	22	13
1912.....	13,703	3,702				1,554	418	112	240	3	23	12
1913.....	14,153	4,239				1,588	477	112	205	2	27	8
1914.....	16,112	4,359			1,270	1,337	465	129	(⁵)	4	22	20
1915.....	11,172	3,128			1,512	989	339	113	(⁵)	4	18	14
1916.....	19,900	11,448	3,759	1,534	1,199	1,048	337	113	(⁵)	3	23	19
1917.....	19,700	11,284	3,393	2,092	634	1,304	414	125	(⁵)	13	23	10
1918.....	20,690	12,018	3,828	2,851	161	999	406	139	(⁵)	14	31	10
1919.....	21,300	11,411	4,853	2,518	81	1,155	461	149	(⁵)	14	44	19
1920.....	21,350	13,429	3,013	2,406	58	1,251	476	177	(⁵)	26	68	26
1921.....	15,970	7,945	3,752	2,197	43	902	459	186	147	17	40	20
1922.....	19,300	9,755	4,245	2,510	55	1,391	484	199	202	26	74	24
1923.....	20,030	10,140	4,320	2,406	197	1,353	552	212	175	59	108	38
1924.....	25,160	13,630	5,095	2,510	453	1,507	740	215	196	67	164	41
1925.....	28,240	16,105	5,201	2,458	782	1,650	561	210	200	135	151	106
1926.....	28,920	17,978	4,205	2,301	830	1,586	493	246	360	58	110	130
1927.....	24,890	12,956	4,990	2,824	1,096	1,261	464	246	179	115	116	111
1928.....	26,880	14,477	4,838	2,720	1,174	1,672	430	225	278	118	171	142
1929.....	26,860	14,825	4,387	2,458	1,229	1,768	571	303	246	150	108	139
1930.....	26,230	13,932	4,373	2,615	1,587	1,715	483	271	178	139	158	106
1931.....	27,820	17,097	3,353	2,092	1,845	1,323	555	234	210	169	173	206
1932.....	24,360	13,003	3,808	2,720	1,816	1,028	481	242	102	150	247	121
1933.....	26,890	13,047	4,274	2,981	1,887	1,777	1,014	278	260	200	239	135
1934.....	23,840	9,636	4,065	3,243	1,738	1,566	1,328	345	223	295	212	227
1935.....	26,750	10,638	4,965	2,667	2,250	1,769	1,757	393	251	373	272	201
1936.....	31,320	12,399	5,285	3,870	3,400	1,887	1,824	386	395	144	269	268
1937.....	38,225	18,946	4,867	3,600	3,700	2,282	2,075	376	340	237	349	264
1938 ⁶	28,400	12,008	4,400	2,300	3,800	1,523	1,877		260	300	250	243

¹ Theoretically these estimates all include the total cotton production in each country. They are frequently referred to as estimates of the "agricultural crop" to distinguish them from estimates of the "commercial crop" (table 143) which excludes that cotton which is consumed on hand spindles or in other ways, without entering commercial channels. These estimates, therefore, should average larger than the estimates of the commercial crop. Because of inaccuracies in some of the available estimates, however, this is not always true. Differences from year to year between these 2 series of production estimates for a given country, and in turn the total for all foreign countries, may also occur for 2 other reasons: (1) Because of changes in stocks of cotton on hand at the beginning and end of the cotton-marketing season (which changes are used in estimating the production of commercial cotton in many foreign countries), and (2) because of changes in the quantity of cotton from a given "agricultural crop" which is ginned or marketed within a given marketing season.

² Includes Burma.

³ Includes Manchuria.

⁴ Bales of 478 pounds.

⁵ Comparable data not available.

⁶ Preliminary.

Bureau of Agricultural Economics. Compiled from official sources, International Institute of Agriculture, and estimates of the Bureau of Agricultural Economics.

Angola.....	10,276	11,078	19,768			2,612	2,754	3,228		
Tanzania.....	10,154,152	10,108,498	91,427			20,537	20,480	53,040		35,000
Nyasaland.....	33,734	35,342	91,427		74,130	4,579	5,699	8,224		10,000
Northern Rhodesia.....	2,731	3,600	2,471			1,495	11,069	461		
Mozambique.....	36,634	4,666				11,454	10,237			
Upper Volta	64,490	10,015,018				11,318	3,045			
Upper Volta	64,490	10,015,018				11,318	3,045			
Upper Volta	64,490	10,015,018				11,318	3,045			
Turkey.....	368,546	40,601	624,735			86,072	97,240	288,393		2,000
Yemen.....	368,546	40,601	624,735			86,072	97,240	288,393		2,000
Syria and Lebanon.....	368,546	40,601	624,735			86,072	97,240	288,393		2,000
Union of Soviet Socialist Republics.....	2,017,000	4,883,290	5,023,000		5,103,000	9,877	10,199	31,362		40,000
Iraq.....	715,000	3,771	27,181		65,000	1,021,800	1,775,000	3,400,000		3,800,000
India	26,192,000	205,807	338,527		26,084,000	80,524	99,298	171,571		17,000
China	5,565,000	23,625,000	25,215,000		26,084,000	4,724,200	3,092,000	5,285,000		4,400,000
Japan.....	2,857	6,451,000	8,447,000		9,300,000	2,552,000	2,730,000	3,870,000		3,600,000
China	2,857	6,451,000	8,447,000		9,300,000	2,552,000	2,730,000	3,870,000		3,600,000
French Indo-China.....	402,222	448,563	560,171		548,149	137,060	131,628	208,922		185,000
Netherlands India.....	38,328	448,563	560,171		548,149	137,060	131,628	208,922		185,000
Siam.....	21,708	22,363	32,123			6,478	4,601	5,986		
Australia.....	8,951	8,066	17,297			3,244	3,063	7,379		
New Hebrides.....	18,333	42,692	54,302			7,313	12,112	8,763		
Estimated world total including China	84,410,000	70,530,000	84,910,000		93,400,000	27,158,000	25,828,000	31,320,000		28,400,000

¹ Theoretically these estimates all include the total cotton acreage and production in each country. They are frequently referred to as estimates of the "agricultural crop" to distinguish them from estimates of the "commercial crop" (see table 143) which excludes that cotton which is consumed on hand spindles or in other ways without entering commercial channels. These estimates, therefore, should average larger than the estimates of the commercial crop. Because of inaccuracies in some of the available estimates, however, this is not always true. Differences from year to year between these 2 series may also occur for 2 other reasons: (1) Because of changes in stocks of cotton on hand at the beginning and end of the cotton marketing season (which changes are used in estimating the production of commercial cotton in many foreign countries), and (2) because of changes in the quantity of cotton from a given "agricultural crop", which is ginned or marketed within a given marketing season.

² The years shown here refer to that cotton marketing season in which the greater part of a given crop is harvested. In many countries a part of any given crop may be harvested either prior to Aug. 1 or after July 31 of the following year.

³ Preliminary.
⁴ Bales of 475 pounds net.
⁵ Comparable data not available.
⁶ Exports.
⁷ Estimate for 1 year.
⁸ Average for 3 years.
⁹ Average for 4 years.
¹⁰ On Sept. 12, 1932, a decree was signed distributing Upper Volta between Ivory Coast, Niger Territory, and French Sudan.

¹¹ Includes Manchuria.

¹² Includes Burma.

¹³ Includes estimates for from 20 to 30 very minor producing countries, which in most of the years for which we have records produced from 5,000 to 12,000 bales.

Bureau of Agricultural Economics. Compiled from official sources, International Institute of Agriculture, and estimates of the Bureau of Agricultural Economics.

TABLE 141.—Cotton: Supply and distribution, United States, 1913-37

Year beginning August	Supply					Distribution					
	Carry-over from previous season		Production ¹	Imports	Total supply	Consumption		Exports	Stocks on hand at end of year		Total distribution ²
	Foreign	Total				Foreign	Total		Foreign	Total	
1913.	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1914.	83	1,611	13,983	261	15,755	194	5,577	9,142	73	1,366	16,085
1915.	73	1,306	15,906	382	17,654	222	5,597	8,323	145	3,936	17,856
1916.	145	3,936	11,068	438	15,442	317	6,398	8,866	212	3,140	15,434
1917.	212	3,140	11,364	292	14,796	319	6,759	5,300	143	2,720	14,809
1918.	143	2,720	11,248	221	14,189	184	6,566	4,288	111	3,450	14,304
1919.	111	3,450	11,906	202	15,558	176	5,766	5,592	83	4,287	15,645
1920.	83	4,287	11,326	700	16,313	417	6,420	6,545	284	3,563	16,528
1921.	284	3,563	13,271	226	17,060	216	4,893	8,745	174	6,534	17,172
1922.	174	6,534	7,978	363	14,875	297	5,910	6,194	167	2,832	14,926
1923.	167	2,832	9,729	470	13,031	344	6,666	4,823	196	2,325	13,814
1924.	196	2,325	10,171	292	12,788	328	5,681	6,556	116	1,556	12,893
1925.	116	1,556	10,639	313	12,508	276	6,103	8,006	106	1,610	15,808
1926.	106	1,610	16,123	326	18,059	280	6,456	8,051	129	3,543	18,050
1927.	129	3,543	17,755	401	21,699	310	7,190	10,927	99	3,762	21,879
1928.	99	3,762	12,783	338	16,883	299	6,834	7,540	111	2,536	16,910
1929.	111	2,536	14,297	458	17,291	313	7,091	8,044	182	2,312	17,447
1930.	182	2,312	14,548	373	17,238	303	6,106	6,690	209	4,530	17,326
1931.	209	4,530	13,756	108	18,394	179	5,263	6,760	107	6,370	18,393
1932.	107	6,370	16,629	132	23,131	122	4,866	8,708	97	9,678	23,252
1933.	97	9,678	12,710	130	22,518	133	5,419	8,419	84	8,165	22,721
1934.	84	8,165	12,664	148	20,977	147	5,700	7,534	98	7,744	20,978
1935.	96	7,744	9,472	107	17,323	120	5,361	4,799	71	7,208	17,368
1936.	71	7,208	10,420	155	17,783	131	6,351	5,973	73	5,409	17,733
1937.	73	5,409	12,141	253	17,803	182	7,950	5,440	112	4,499	17,889
1937.	112	4,499	18,252	159	22,910	132	5,748	5,598	87	11,533	22,879

¹ Production is expressed in running bales in this table and therefore the figures are not the same as those shown in tables where bales of 500 pounds gross weight are used. Consumption and carry-over statistics for American cotton are available only in running bales, and therefore production and exports are shown in running bales.

² Total distribution usually is greater than total supply due principally to the inclusion, in all distribution items, of the "city crop," which consists of rebaled samples and pickings from cotton damaged by fire and weather.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of the Census.

Quantities are in running bales, round bales counted as half bales and foreign in 500-pound bales.

TABLE 142.—Cotton, commercial: World carry-over of specified growths, and percentage each growth is of all kinds, beginning of season, 1920-33¹

August 1	Foreign								American		Quantity, all kinds
	Egyptian		Indian		Sundries		Total				
	Quantity	Per- centage of all kinds	Quantity	Per- centage of all kinds	Quantity	Per- centage of all kinds	Quantity	Per- centage of all kinds	Quantity	Per- centage of all kinds	
	1,000 bales ¹	Per- cent	1,000 bales ¹	Per- cent	1,000 bales ¹	Per- cent	1,000 bales ¹	Per- cent	1,000 bales ¹	Per- cent	1,000 bales ¹
1920	799	6.8	3,577	30.5	1,038	8.8	5,414	46.1	6,338	53.9	11,752
1921	1,172	7.7	2,981	19.7	1,342	8.8	5,495	36.2	9,674	63.8	15,169
1922	1,069	10.5	2,535	24.2	1,180	11.2	4,814	45.9	5,680	54.1	10,494
1923	825	10.9	2,273	30.0	1,155	15.3	4,253	56.2	3,318	43.8	7,571
1924	541	8.2	2,065	31.2	1,297	19.6	3,903	59.0	2,711	41.0	6,614
1925	556	7.0	2,264	28.5	1,748	22.0	4,568	57.5	3,380	42.5	7,948
1926	920	8.8	2,190	20.9	1,862	17.8	4,972	47.5	5,501	52.5	10,473
1927	1,067	8.4	1,976	15.6	1,766	14.0	4,809	38.0	7,845	62.0	12,654
1928	847	8.0	2,673	25.4	1,809	17.2	5,329	50.6	5,206	49.4	10,535
1929	988	9.4	2,978	28.2	2,058	19.5	6,024	57.1	4,517	42.9	10,541
1930	1,255	10.8	2,704	22.8	1,716	14.4	5,705	48.0	6,187	52.0	11,892
1931	1,670	11.3	2,428	16.4	1,734	11.7	5,832	39.4	8,976	60.6	14,808
1932	1,446	7.9	1,883	10.3	1,744	9.8	5,073	27.7	13,263	72.3	18,336
1933	1,088	6.4	2,534	14.8	1,685	9.8	5,307	31.0	11,809	69.0	17,116
1934	1,079	6.2	3,348	19.1	2,412	13.7	6,839	39.0	10,701	61.0	17,540
1935	827	5.5	2,494	16.5	2,710	18.0	6,031	40.0	9,041	60.0	15,072
1936	804	5.9	2,814	20.6	3,032	22.2	6,551	48.7	6,968	51.3	13,519
1937	701	6.1	3,200	23.3	3,621	26.3	7,531	54.7	6,235	45.3	13,766
1938 ²	1,095	4.8	3,226	14.2	4,606	20.4	8,927	39.4	13,712	60.6	22,639

¹ Includes only raw cotton produced for factory consumption. Does not include large quantities grown in India, China, and other countries for consumption on hand spindles or in other ways in the homes without entering commercial channels.

² American in running bales (counting round bales as half bales), foreign in bales of approximately 475 pounds net.

³ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange.

TABLE 143.—*Cotton, commercial: World production of specified growths and percentage each growth is of all kinds, 1920-38*¹

Year beginning August	Foreign								American		Quantity, all kinds
	Egyptian		Indian		Sundries		Total		Quantity	Per- centage of all kinds	
	Quan- tity	Per- centage of all kinds	Quan- tity	Per- centage of all kinds	Quan- tity	Per- centage of all kinds	Quan- tity	Per- centage of all kinds			
	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>
1920	1,198	5.8	3,250	15.8	2,516	12.2	6,964	33.8	13,664	66.2	20,628
1921	1,032	6.9	3,668	24.2	2,168	14.3	6,888	45.4	8,265	54.6	18,173
1922	1,143	6.2	4,240	23.0	2,944	15.9	8,327	45.1	10,124	54.9	18,451
1923	1,306	6.9	4,282	22.4	3,172	16.6	8,760	45.9	10,330	54.1	19,090
1924	1,464	6.1	4,736	19.7	3,888	16.1	10,088	41.9	14,006	58.1	24,094
1925	1,733	6.5	4,678	17.1	4,251	15.9	10,562	39.5	16,181	60.5	26,743
1926	1,649	5.9	4,002	14.3	4,117	14.8	9,768	35.0	18,162	65.0	27,930
1927	1,237	5.3	4,489	19.2	4,660	20.0	10,386	44.5	12,957	55.5	23,343
1928	1,655	6.4	4,719	18.3	4,873	18.9	11,247	43.6	14,558	56.4	25,802
1929	1,740	6.6	4,978	19.0	4,817	18.3	11,535	43.9	14,716	56.1	26,281
1930	1,698	6.7	4,590	18.1	5,215	20.5	11,503	45.3	13,873	54.7	25,376
1931	1,306	5.0	3,342	12.6	4,951	18.7	9,602	36.3	16,877	63.7	26,479
1932	1,038	4.4	4,110	17.5	5,352	22.8	10,500	44.7	12,961	55.3	23,461
1933	1,739	6.7	4,834	18.5	6,781	26.0	13,354	51.2	12,712	48.8	26,066
1934	1,523	6.6	4,198	18.2	7,753	33.6	13,474	58.4	9,576	41.6	23,050
1935	1,758	6.7	5,323	20.2	8,744	33.2	15,825	60.1	10,495	39.9	26,320
1936	1,863	6.0	5,661	18.4	10,952	35.5	18,476	59.9	12,375	40.1	30,851
1937	2,259	6.2	4,942	13.5	10,930	29.9	18,131	49.6	18,412	50.4	36,543
1938 ¹	1,600	5.7	4,350	15.6	10,125	36.4	16,075	57.7	11,800	42.3	27,875

¹ Commercial cotton includes only raw cotton produced for factory consumption and does not include large quantities grown in India and China and to some extent in other countries for consumption on hand spindles or for use in other ways without entering commercial channels. For this reason, as well as because of differences in the methods of determining the quantities involved and differences in bale weights in the case of American, the estimates of the production of commercial cotton do not agree with the estimates of what might be called the "agricultural crop." The latter estimates (table 140) are in all cases given in bales of approximately 478 pounds net and are comparable with the estimates of acreage and yield.

² American in running bales (counting round bales as half bales); foreign in bales of approximately 478 pounds net.

³ Excludes Burma.

⁴ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange.

TABLE 144.—*Cotton: Consumption by mills, United States, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1928	526	492	616	611	533	668	595	632	632	669	570	547	7,091
1929	559	546	640	541	453	576	494	508	532	473	405	379	6,106
1930	353	393	443	415	406	450	433	491	506	468	454	451	5,263
1931	425	464	461	425	415	435	461	489	367	332	323	279	4,866
1932	405	493	502	502	440	470	441	495	470	621	697	601	6,137
1933	589	499	504	475	348	508	477	545	513	519	363	360	5,700
1934	419	295	523	480	417	551	480	482	468	471	384	391	5,361
1935	408	451	553	512	500	590	516	551	577	531	555	607	6,351
1936	575	630	651	626	695	679	666	777	719	669	680	583	7,950
1937	604	601	524	483	432	433	427	513	413	426	443	449	5,748
1938 ¹	561	534	543	596	565	592	562	649	547				

¹ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of the Census. Data for earlier years in 1928 Yearbook, table 264.

Quantities are in running bales, round counted as half bales and foreign in 500-pound bales.

TABLE 145.—*Cotton, commercial: World supply of specified growths and percentage each growth is of all kinds, 1920-33¹*

Year beginning August	Foreign								American		Quantity, all kinds
	Egyptian		Indian		Sundries		Total		Quantity	Per- cent- age of all kinds	
	Quantity	Per- cent- age of all kinds	Quantity	Per- cent- age of all kinds	Quantity	Per- cent- age of all kinds	Quantity	Per- cent- age of all kinds			
<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	<i>Per- cent</i>	<i>1,000 bales¹</i>	
1920.....	1,997	6.1	6,827	21.1	3,554	11.0	12,378	38.2	20,002	61.8	32,380
1921.....	2,224	7.3	6,649	21.9	3,510	11.6	12,383	40.8	17,959	59.2	30,342
1922.....	2,242	7.7	6,775	23.4	4,124	14.3	13,141	45.4	15,804	54.6	28,945
1923.....	2,131	8.0	6,555	24.6	4,327	16.2	13,013	48.8	13,648	51.2	26,661
1924.....	2,005	6.5	6,801	22.2	5,185	16.9	13,991	45.6	16,717	54.4	30,708
1925.....	2,289	6.6	6,842	19.7	5,969	17.3	15,130	43.6	19,561	56.4	34,691
1926.....	2,569	6.7	6,192	16.1	5,979	15.6	14,740	38.4	23,663	61.6	38,403
1927.....	2,304	6.4	6,465	18.0	6,426	17.8	15,195	42.2	20,802	57.8	35,997
1928.....	2,502	6.9	7,392	20.3	6,682	18.4	16,576	45.6	19,761	54.4	36,337
1929.....	2,729	7.4	7,955	21.6	6,875	18.7	17,559	47.7	19,233	52.3	36,792
1930.....	2,984	8.0	7,294	19.6	6,930	18.6	17,208	46.2	20,060	53.8	37,268
1931.....	2,995	7.3	5,770	14.0	6,669	16.1	15,434	37.4	25,853	62.6	41,287
1932.....	2,485	6.0	5,994	14.3	7,094	17.0	15,573	37.3	26,224	62.7	41,797
1933.....	2,829	6.5	7,368	17.1	8,464	19.6	18,661	43.2	24,521	56.8	43,182
1934.....	2,694	6.4	7,546	18.6	10,163	25.0	20,313	50.0	20,277	50.0	40,590
1935.....	2,586	6.2	7,817	18.9	11,453	27.7	21,856	52.8	19,536	47.2	41,392
1936.....	2,668	6.0	8,475 ¹	19.0	13,984	31.4	25,127	56.5	19,373	43.5	44,500
1937.....	2,960	5.9	8,151	16.2	14,551	28.9	25,662	51.0	24,647	49.0	50,309
1938 ¹	2,695	5.3	7,576	15.0	14,731	29.2	25,002	49.5	25,512	50.5	50,514

¹ Includes only raw cotton produced for factory consumption. Does not include large quantities grown in India, China, and other countries for consumption on hand spindles or in other ways in the homes without entering commercial channels.

² American in running bales (counting round bales as half bales), foreign in bales of approximately 478 pounds net.

³ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange.

TABLE 146.—*Cotton: World mill consumption of specified growths and percentage each growth is of all kinds, 1920-37*

Year beginning August	Foreign								American		Quantity all kinds
	Egyptian		Indian		Sundries		Total		Quantity	Per- cent- age of all kinds	
	Quantity	Per- cent- age of all kinds	Quantity	Per- cent- age of all kinds	Quantity	Per- cent- age of all kinds	Quantity	Per- cent- age of all kinds			
	<i>1,000 bales</i> ¹	<i>Per- cent</i>	<i>1,000 bales</i> ¹	<i>Per- cent</i>	<i>1,000 bales</i> ¹	<i>Per- cent</i>	<i>1,000 bales</i> ¹	<i>Per- cent</i>	<i>1,000 bales</i> ¹	<i>Per- cent</i>	<i>1,000 bales</i> ¹
1920.....	824	4.8	3,847	22.4	2,212	12.9	6,883	40.1	10,268	59.9	17,151
1921.....	1,125	5.7	4,114	20.8	2,369	11.8	7,569	38.3	12,209	61.7	19,778
1922.....	1,417	6.7	4,502	21.1	2,969	13.9	8,888	41.7	12,449	58.3	21,337
1923.....	1,590	8.0	4,490	22.4	3,030	15.1	9,110	45.5	10,917	54.5	20,027
1924.....	1,449	6.4	4,537	19.9	3,437	15.1	9,423	41.4	13,311	58.6	22,734
1925.....	1,369	5.7	4,652	19.2	4,137	17.1	10,158	42.0	14,010	58.0	24,168
1926.....	1,502	5.9	4,216	16.4	4,213	16.4	9,931	38.7	15,748	61.3	25,679
1927.....	1,457	8.7	3,792	14.9	4,617	18.2	9,866	38.8	15,576	61.2	25,442
1928.....	1,514	5.9	4,414	17.1	4,624	17.9	10,552	40.9	15,226	59.1	25,778
1929.....	1,444	5.8	5,252	21.1	5,158	20.8	11,854	47.7	13,021	62.3	24,875
1930.....	1,313	5.8	4,866	21.7	5,197	23.2	11,376	50.7	11,056	49.3	22,432
1931.....	1,532	6.7	3,887	17.0	4,942	21.6	10,361	45.3	12,528	54.7	22,889
1932.....	1,396	5.7	3,459	14.0	5,411	21.9	10,266	41.6	14,385	58.4	24,651
1933.....	1,748	6.8	4,020	15.7	6,054	23.7	11,822	46.2	13,780	53.8	25,602
1934.....	1,775	7.0	5,053	19.8	7,454	29.2	14,282	56.0	11,206	44.0	25,488
1935.....	1,780	6.4	5,002	18.1	8,423	30.4	15,205	54.9	12,503	45.1	27,708
1936.....	1,966	6.4	5,267	17.2	10,363	33.7	17,596	57.3	13,093	42.7	30,686
1937 ¹	1,865	6.8	4,925	17.9	9,845	35.8	16,635	60.5	10,870	39.5	27,505

¹ American in running bales (counting round as half bales); foreign in bales of approximately 478 pounds net.

² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange.

TABLE 147.—Cotton: Grade, staple length, and tenderability of the United States crops of 1936-38 and of the United States carry-overs on Aug. 1, 1937-38 ¹

Description	Crop			Carry-over Aug. 1 ¹	
	1936	1937	1938 ²	1937	1938 ²
Total ⁴	1,000 bales 12, 141.4	1,000 bales 18, 252.1	Bales 11, 620, 601	1,000 bales 4, 498.8	Bales 11, 533, 439
American upland.....	12, 123.8	18, 237.1	11, 595, 827	4, 381.8	11, 436, 358
American-Egyptian.....	17.6	11.0	20, 501	5.5	7, 859
American sea-island.....	(⁵)	4.0	4, 273	-----	1, 912
Foreign.....	-----	-----	-----	111.5	87, 310
Grade (American upland):					
Extra White.....	98.2	-----	406, 863	46.6	33, 623
Good Middling.....	70.5	-----	68, 415	4.5	1, 813
Strict Middling.....	24.4	-----	244, 874	7.6	5, 401
Middling.....	.6	-----	77, 373	5.9	4, 753
Strict Low Middling.....	1.1	-----	11, 874	8.9	3, 519
Low Middling.....	.7	-----	2, 553	18.5	17, 239
Strict Good Ordinary.....	.8	-----	1, 452	1.2	898
Good Ordinary.....	.1	-----	322	-----	-----
White.....	9, 420.6	13, 881.0	8, 663, 453	3, 418.2	9, 122, 426
Middling Fair.....	.1	-----	-----	-----	-----
Strict Good Middling.....	3.8	7	422	8	859
Good Middling.....	447.8	555.6	258, 415	93.6	130, 884
Strict Middling.....	2, 545.4	2, 655.3	2, 150, 257	667.2	1, 293, 227
Middling.....	3, 478.4	4, 872.9	3, 748, 211	1, 387.8	3, 434, 659
Strict Low Middling.....	1, 932.8	3, 704.4	2, 105, 953	854.9	2, 681, 136
Low Middling.....	763.7	1, 456.2	337, 668	314.5	1, 148, 010
Strict Good Ordinary.....	214.8	486.4	38, 985	75.5	321, 439
Good Ordinary.....	33.8	149.5	14, 542	23.9	112, 212
Spotted.....	2, 441.8	4, 091.9	2, 475, 078	742.1	2, 042, 280
Good Middling.....	164.8	81.3	65, 361	32.4	48, 302
Strict Middling.....	1, 213.6	1, 584.8	1, 326, 332	234.5	665, 980
Middling.....	779.4	1, 063.7	951, 180	274.9	888, 772
Strict Low Middling.....	199.8	510.2	99, 167	137.7	281, 717
Low Middling.....	84.2	251.9	35, 038	62.6	157, 509
Tinged.....	81.5	152.7	33, 706	108.8	155, 001
Good Middling.....	3.5	1.7	1, 291	1.8	2, 174
Strict Middling.....	14.1	17.4	13, 566	12.4	23, 257
Middling.....	18.6	35.8	12, 305	26.0	33, 691
Strict Low Middling.....	20.6	33.5	2, 703	32.4	38, 976
Low Middling.....	24.7	64.3	3, 841	36.2	56, 903
Yellow Stained.....	2.1	3.7	759	23.3	7, 280
Good Middling.....	.1	-----	26	.8	567
Strict Middling.....	.7	.6	323	5.6	2, 260
Middling.....	1.3	3.1	410	16.9	4, 453
Gray.....	37.3	15.4	2, 722	7.8	20, 435
Good Middling.....	.7	-----	337	.2	158
Strict Middling.....	22.9	7.0	1, 328	4.0	9, 536
Middling.....	13.7	8.4	1, 057	3.6	10, 741
No grade ⁴	42.3	92.4	13, 246	35.0	55, 313
Grade (American-Egyptian):					
1 and 1½.....	3.5	7.2	15, 822	.8	2, 694
2 and 2½.....	9.1	2.9	4, 137	1.7	2, 514
3 and 3½.....	3.1	.7	4, 710	1.2	1, 382
4 and 4½.....	1.6	.2	.62	.7	342
5.....	.3	-----	10	.3	263
Below 5.....	-----	-----	-----	.8	664
Grade (American sea-island ⁷):					
1.....	-----	.7	-----	-----	373
2.....	-----	1.2	-----	-----	501
3.....	-----	1.1	-----	-----	561
4.....	-----	.7	-----	-----	409
5.....	-----	.2	-----	-----	68
Below 6.....	-----	.1	-----	-----	-----

See footnotes at end of table.

TABLE 147.—Cotton: Grade, staple length, and tenderability of the United States crops of 1936-38 and of the United States carry-overs on Aug. 1, 1937-38—Con.

Description	Crop			Carry-over Aug. 1 ¹	
	1936	1937	1938 ²	1937	1938 ²
	1,000 bales	1,000 bales	Bales	1,000 bales	Bales
Grade (American sea-island 9):					
1 and 1 $\frac{1}{2}$			1,568		
2 and 2 $\frac{1}{2}$			2,204		
3 and 3 $\frac{1}{2}$			448		
4 and 4 $\frac{1}{2}$			53		
5 and 5 $\frac{1}{2}$					
6.....					
Below 6.....					
Staple length (American upland):					
Shorter than $\frac{3}{8}$ inch.....	1,151.6	1,834.6	504,284	606.6	1,325,871
$\frac{3}{8}$ inch.....	3,143.1	5,235.0	1,041,136	1,000.0	2,616,800
2 $\frac{3}{4}$ inch.....			943,466		1,125,566
1 $\frac{1}{2}$ inch.....			1,474,700		1,787,562
1 $\frac{1}{4}$ inch.....	2,617.3	5,038.7	1,620,448	850.0	1,025,895
1 $\frac{1}{2}$ inch.....			1,687,962		1,193,600
1 inch.....	2,748.7	3,542.4	1,260,133	643.8	765,228
1 $\frac{1}{2}$ inches.....			1,167,757		701,013
1 $\frac{1}{4}$ inches.....	1,554.7	1,638.5	893,797	296.0	592,871
1 $\frac{1}{2}$ inches.....			832,354		247,988
1 $\frac{1}{4}$ inches.....	732.0	842.2	252,330	264.3	121,804
1 $\frac{1}{2}$ inches.....			112,802		86,996
1 $\frac{1}{4}$ inches.....	156.3	90.2	50,057	89.3	26,653
1 $\frac{1}{2}$ inches and longer.....	20.1	15.5	54,621	22.8	15,509
Staple length (American-Egyptian):					
Shorter than 1 $\frac{1}{4}$ inches.....		.2	284	.1	240
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....	4.6	2.8	5,188	2.3	3,493
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....	10.8	6.5	10,054	2.2	3,903
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....	2.2	1.5	4,744	.9	223
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....	(³)	(³)	206	(³)	
1 $\frac{1}{4}$ inches and longer.....			55		
Staple length (American sea-island):					
Shorter than 1 $\frac{1}{4}$ inches.....			69		
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....			812		212
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....		1.0	1,068		224
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....		1.6	1,655		1,234
1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.....		.5	792		11
1 $\frac{1}{4}$ inches and longer.....		.4	377		231
Tenderability ¹⁰ (American upland):					
Total tenderable.....	10,539.7	15,050.9	10,906,349	3,458.2	9,207,460
Total untenderable.....	1,684.1	3,186.2	689,478	923.6	2,228,898

¹ Crop figures based on the classification of samples procured from ginneries during the season; carry-over figures based on the classification of samples representing cotton on hand. Quantities of American upland, American-Egyptian, and American sea-island cotton are given in running bales, except that round bales are counted as half bales. Linters are not included. Quantities of foreign cotton are given in equivalent 500-pound bales.

² For carry-over of foreign cotton by staple lengths, see table 148.

³ Preliminary.

⁴ According to the Bureau of the Census.

⁵ Ginnings, amounting to 889 running bales, included with upland.

⁶ Includes bales not otherwise classified.

⁷ In classing for grade the standards for sea-island cotton in effect from Oct. 25, 1918-Jan. 22, 1925, were used as a guide in classing the crop of 1937 and the carry-over of 1938. No figures were assembled on quality of the American sea-island crop prior to that of 1937, and figures were not prepared separately on the quality of American sea-island cotton in the carry-over prior to 1938.

⁸ The 1938 crop was classed according to standards promulgated Aug. 10, 1938, effective Aug. 10, 1939.

⁹ Included with 1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches.

¹⁰ In accordance with sec. 5, United States Cotton Futures Act.

Bureau of Agricultural Economics.

TABLE 148.—*Cotton: Staple length of foreign growths in the carry-over on Aug. 1, average 1928-32, annual 1933-38*¹

Description	Average 1928-32	1933	1934	1935	1936	1937	1938 ²
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	Bales
Egyptian: All lengths ³	94.4	54.8	61.8	48.0	41.8	44.8	31,315
Shorter than 1½ inches	2.2	7.9	1.9	.1	.2		240
1½ and 1¾ inches	35.2	12.5	16.4	14.2	9.1	2.2	1,355
1¾ and 1⅞ inches	4.3	2.0	.9	.8	1.0	.5	438
1¾ to 1⅞ inches	5.9	2.4	2.0	4.4	9.0	9.5	14,923
1¾ to 1⅞ inches	33.5	22.7	36.7	25.3	19.5	31.0	10,570
1¾ to 1⅞ inches	11.8	6.6	3.9	3.0	3.0	1.5	3,459
1¾ to 1⅞ inches	1.3	.6		.2		.1	
1¾ inches and longer	.1	.1					
Peruvian: All lengths ³	4.6	1.6	.9	.9	.7	.7	865
Shorter than 1 inch							73
1 and 1¼ inches						.3	
1¼ and 1½ inches	.2	.1	.1		.4		8
1½ and 1¾ inches	.4	.3		.7	.2		54
1¾ and 1⅞ inches	.6	.4	.7	.2	.1		267
1¾ inches and longer	3.4	.8	.1			.4	163
Chinese: All lengths ³	21.9	21.4	19.9	9.9	10.3	26.5	12,022
Shorter than ¾ inch	20.9	21.4	19.9	9.9	10.3	26.5	12,022
¾ and ⅞ inch	.1						
⅞ and 1 inch	.9						
1 inch and longer							
British Indian: All lengths ³	19.6	5.3	12.1	10.8	19.8	30.0	35,293
Shorter than ¾ inch	19.3	5.3	12.1	10.8	19.8	30.0	35,293
¾ and ⅞ inch	.1						
⅞ and 1 inch	.2						
1 inch and longer							
Other foreign: All lengths ³	1.5	2.0	3.9	1.4	.3	9.5	8,115
Shorter than ¾ inch	.1		.6	.6			733
¾ and ⅞ inch							188
⅞ and 1 inch							
1 and 1¼ inches	.1		.2	.2	.1	7.3	4,050
1¼ and 1½ inches		.1				.5	2,048
1½ and 1¾ inches		.1		.1			
1¾ and 1⅞ inches							
1¾ inches and longer	1.3	1.8	3.1	.5	.2	1.7	1,096

¹ Based on the classification of samples representing cotton on hand. Quantities are given in equivalent 500-pound bales.² According to the Bureau of the Census.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 149.—Cotton: Average price per pound received by farmers, United States, 1928-38

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	18.36	17.44	18.11	17.83	18.07	17.90	18.13	18.92	18.59	17.95	18.04	17.75	17.99
1929.....	17.92	18.20	17.57	16.31	16.06	15.93	14.92	13.85	14.82	14.54	14.02	11.92	16.79
1930.....	11.25	9.86	9.16	9.63	8.73	8.76	9.32	9.56	9.35	8.92	7.69	8.45	9.46
1931.....	6.07	5.89	5.21	6.02	5.49	5.68	5.91	6.26	5.83	5.26	4.62	5.07	5.66
1932.....	6.51	7.13	6.32	5.90	5.38	5.65	5.57	6.15	6.27	8.30	8.90	10.68	6.52
1933.....	8.80	8.81	8.99	9.59	9.66	10.36	11.85	11.84	11.65	11.06	11.65	12.29	10.17
1934.....	13.02	13.13	12.56	12.38	12.45	12.55	12.37	11.50	11.66	12.03	11.75	11.89	12.36
1935.....	11.44	10.55	10.88	11.51	11.37	11.10	11.02	11.14	11.19	11.27	11.38	12.62	11.09
1936.....	12.29	12.55	12.28	12.01	12.37	12.45	12.58	13.69	13.72	12.99	12.47	12.39	12.33
1937.....	10.51	8.96	8.10	7.82	7.67	7.79	8.01	8.41	8.24	8.41	8.12	8.66	8.41
1938.....	8.12	8.23	8.53	8.52	8.20	8.29	8.23	8.31	8.15	8.48	.....	.....	8.60

¹ Preliminary.² Includes unredeemed loan cotton at estimated average loan value.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices by States, weighted by sales to obtain a price for the United States. Average for the year obtained by weighting State price averages for the crop marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 534.

TABLE 150.—Cotton, Middling, $\frac{3}{8}$ -inch: Average spot price per pound at 10 designated markets, 1915-37

Year beginning August	Norfolk	Augusta	Savannah	Montgomery	New Orleans	Memphis	Little Rock	Dallas	Houston	Galveston	Average of 10 markets ¹
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1915.....	11.62	11.56	11.72	11.37	11.68	11.83	11.84	11.51	12.00	12.06	11.72
1916.....	18.85	19.07	19.54	18.86	18.84	19.08	18.89	18.43	18.92	19.06	18.96
1917.....	28.82	29.01	29.29	29.15	28.96	29.49	29.05	28.47	28.85	29.06	29.02
1918.....	28.74	29.21	30.02	29.28	29.87	30.11	29.75	29.64	30.26	30.78	29.76
1919.....	37.32	37.93	38.22	37.52	38.21	38.70	38.38	38.95	38.78	39.41	38.34
1920.....	16.92	16.62	17.20	16.37	16.55	17.20	16.99	15.79	16.33	16.59	16.66
1921.....	18.00	17.97	18.12	17.48	17.92	18.38	18.12	17.84	18.46	18.64	18.09
1922.....	25.87	25.92	25.87	25.49	25.94	26.21	25.78	25.31	25.94	26.03	25.83
1923.....	30.15	30.06	30.00	29.82	30.33	30.42	30.22	29.66	30.28	30.48	30.14
1924.....	24.38	24.24	24.27	23.71	24.21	24.19	24.27	23.91	24.50	24.87	24.22
1925.....	19.78	19.53	19.61	18.98	19.71	19.77	19.70	19.64	20.00	20.12	19.68
1926.....	14.56	14.37	14.46	13.85	14.74	14.31	14.29	13.91	14.73	14.79	14.40
1927.....	20.17	20.09	20.06	19.46	19.98	19.44	19.31	19.04	19.76	19.84	19.72
1928.....	19.07	18.95	18.92	18.42	18.98	18.31	18.29	18.19	18.74	18.82	18.67
1929.....	16.34	15.97	15.98	15.41	16.16	15.43	15.33	15.32	15.89	16.00	15.79
1930.....	10.11	9.73	9.81	9.28	10.08	9.22	9.10	9.19	9.74	9.82	9.61
1931.....	6.23	6.08	6.09	5.69	6.20	5.59	5.48	5.57	5.93	6.03	5.89
1932.....	7.38	7.37	7.25	6.98	7.26	7.04	6.96	6.84	7.18	7.18	7.15
1933.....	10.99	10.99	10.91	10.64	10.92	10.66	10.60	10.56	10.90	10.90	10.81
1934.....	12.42	12.62	12.48	12.35	12.44	12.24	12.17	12.04	12.42	12.41	12.36
1935.....	11.76	11.82	11.67	11.40	11.65	11.50	11.41	11.20	11.55	11.53	11.55
1936.....	13.00	13.17	13.00	12.63	12.79	12.45	12.36	12.36	12.63	12.60	12.70
1937.....	8.90	8.97	8.83	8.72	8.79	8.62	8.52	8.20	8.52	8.51	8.66

¹ Averages of monthly averages of 10 markets² 11 months. Comparable data not available for February.³ Excludes Savannah for February.

Bureau of Agricultural Economics. Compiled from the daily reports to the Bureau from the cotton exchanges of the various markets.

TABLE 151.—*Cotton, Middling, 3/8-inch: Average spot price per pound at New Orleans and 10 markets combined, 1928-38*

Market and year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
New Orleans:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928.....	19.00	17.94	18.79	19.00	19.36	19.14	19.07	19.97	19.23	18.74	18.81	18.73	18.98
1929.....	18.57	18.45	18.08	17.19	17.04	16.84	15.25	14.87	15.79	15.60	13.56	12.65	16.16
1930.....	11.56	10.58	10.40	10.63	9.65	9.87	10.63	10.59	9.95	9.08	8.86	9.10	10.08
1931.....	7.02	6.20	6.06	6.32	6.10	6.50	6.69	6.74	6.12	5.70	5.18	5.73	6.20
1932.....	7.29	7.58	6.51	6.12	5.84	6.12	5.92	6.32	6.88	8.58	9.33	10.68	7.26
1933.....	9.48	9.38	9.29	9.74	9.94	10.95	12.07	12.16	11.81	11.39	12.13	12.75	10.92
1934.....	13.28	13.01	12.58	12.59	12.78	12.70	12.58	11.57	11.81	12.31	11.96	12.15	12.44
1935.....	11.36	10.68	11.16	12.00	11.82	11.71	11.38	11.46	11.60	11.62	12.12	12.92	11.65
1936.....	12.12	12.28	12.26	12.21	12.67	13.03	13.06	14.19	13.94	13.13	12.50	12.12	12.79
1937.....	10.34	8.84	8.23	7.98	8.32	8.69	9.08	9.07	8.94	8.62	8.47	8.91	8.79
1938.....	8.40	7.99	8.53	8.72	8.49	8.62	8.60	8.69	8.61	-----	-----	-----	-----
10 markets combined:													
1928.....	18.72	17.72	18.46	18.70	19.07	18.88	18.86	19.78	18.95	18.23	18.36	18.29	18.67
1929.....	18.04	18.01	17.62	16.75	16.64	16.56	15.11	14.74	15.40	15.12	13.21	12.21	15.79
1930.....	11.14	10.15	9.82	10.09	9.16	9.37	10.12	10.15	9.50	8.70	8.42	8.66	9.61
1931.....	6.57	5.83	5.75	5.95	5.78	6.15	6.40	6.44	5.83	5.41	4.99	5.54	5.89
1932.....	7.08	7.40	6.37	6.03	5.72	6.01	5.85	6.19	6.84	8.49	9.28	10.52	7.15
1933.....	9.24	9.19	9.16	9.65	9.87	10.91	12.02	12.09	11.66	11.28	12.04	12.58	10.81
1934.....	13.12	12.85	12.40	12.46	12.60	12.55	12.47	11.57	11.60	12.33	11.97	12.22	12.36
1935.....	11.37	10.48	10.96	11.77	11.70	11.62	11.52	11.38	11.57	11.56	11.96	12.90	11.55
1936.....	12.07	12.05	12.07	12.06	12.60	12.84	12.90	14.15	13.91	13.12	12.50	12.12	12.70
1937.....	10.23	8.72	8.14	7.84	8.16	8.54	8.92	8.89	8.75	8.51	8.39	8.83	8.66
1938.....	8.37	8.10	8.55	8.65	8.45	8.54	8.52	8.64	8.51	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled from daily reports to the Bureau from the cotton exchanges of the various markets. Data for earlier years appear in previous issues of the Yearbook.

TABLE 152.—*Cotton: Average discounts and premiums for staples shorter and longer than 3/8-inch for Middling spot cotton, 1928-37*

Year beginning August	Discount for 3/8-inch ¹	3/8-inch, average price per pound ²	Premiums for ³ —					
			1 1/8 inch	1 inch	3/4 inches	1/2 inches	1/4 inches	inches
	<i>Points⁴</i>	<i>Cents</i>	<i>Points⁴</i>	<i>Points⁴</i>	<i>Points⁴</i>	<i>Points⁴</i>	<i>Points⁴</i>	<i>Points⁴</i>
1928.....	67	18.67	33	96	177	237	332	587
1929.....	108	15.79	45	118	182	232	347	630
1930.....	95	9.61	41	91	154	192	317	670
1931.....	36	5.89	21	51	93	154	244	425
1932.....	21	7.15	14	39	75	106	201	425
1933.....	23	10.81	10	53	110	161	270	453
1934.....	36	12.36	34	78	120	188	236	479
1935.....	39	11.55	37	77	122	171	251	460
1936.....	84	12.70	60	113	186	290	434	554
1937.....	103	8.66	43	80	125	232	358	495

¹ Average of New Orleans, Houston, and Galveston, calculated from actual sales and partly estimated. Beginning 1937, 10-market average used.

² Average for the 10 designated spot markets.

³ Average of New Orleans and Memphis for 1 1/8 inches and longer. Average of the 6 designated markets (New Orleans, Memphis, Houston, Galveston, Dallas, and Little Rock) for 1/2 inch and 1 inch to include 1936. Beginning 1937, 10-market average used.

⁴ Hundredths of a cent a pound.

⁵ Memphis only.

Bureau of Agricultural Economics.

TABLE 153.—*Cotton: Average premiums and discounts for grades¹ above and below Middling for the 10 designated spot markets, 1928-37*

Year beginning August	Premiums for—				Mid-dling, ¹ average price per pound	Discounts for—			
	Mid-dling Fair	Strict Good Mid-dling	Good Mid-dling	Strict Mid-dling		Strict Low Mid-dling	Low Mid-dling	Strict Good Ordinary ²	Good Ordinary ³
	Points ³	Points ³	Points ³	Points ³	Cents	Points ³	Points ³	Points ³	Points ³
1928.....	81	60	42	28	18.67	73	153	236	322
1929.....	92	76	61	41	15.79	74	170	278	376
1930.....	88	70	52	31	9.61	59	138	226	305
1931.....	70	56	41	24	5.99	29	64	101	138
1932.....	62	50	39	25	7.15	27	55	89	123
1933.....	71	56	44	30	10.81	35	75	123	165
1934.....	71	53	47	32	12.36	38	81	131	177
1935.....	74	68	53	37	11.55	47	101	167	206
1936.....	72	63	54	35	12.70	50	134	201	257
1937.....	65	58	51	35	8.66	61	141	219	270

¹ White standards and $\frac{3}{8}$ -inch staple.² These grades untenderable according to sec. 5 of the United States Cotton Futures Act.³ Hundredths of a cent a pound.

Bureau of Agricultural Economics. Data for earlier years in 1934 Yearbook, table 126.

TABLE 154.—*Cotton: Average spot price per pound at Liverpool, by kind, 1928-38*

Description and year beginning August—	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
American Mid-dling, $\frac{3}{8}$-inch:													
1928.....	21.39	20.87	21.86	21.62	21.57	21.39	21.09	22.32	21.57	20.62	20.89	21.09	21.36
1929.....	21.01	20.93	20.52	19.61	19.22	19.00	17.36	16.83	17.72	17.46	16.16	15.47	18.44
1930.....	14.09	12.63	11.88	12.13	10.99	11.19	12.06	12.09	11.42	10.56	10.00	10.26	11.61
1931.....	7.91	7.70	7.65	7.70	7.38	7.78	8.25	8.31	7.59	6.92	6.43	6.92	7.54
1932.....	8.11	8.87	7.91	7.52	7.09	7.37	7.10	7.29	8.01	9.88	10.77	12.32	8.52
1933.....	10.96	10.67	10.66	11.24	11.19	12.43	13.86	13.86	13.31	13.04	13.86	14.60	12.47
1934.....	15.13	14.69	14.27	14.28	14.65	14.60	14.36	13.31	13.30	14.05	14.00	14.29	14.24
1935.....	13.36	12.94	13.27	13.56	13.33	12.80	12.76	13.05	13.53	13.54	14.47	15.34	13.50
1936.....	14.32	14.37	14.14	13.81	14.21	14.72	14.89	16.02	15.57	15.03	14.52	13.83	14.62
1937.....	12.21	11.06	9.99	9.56	9.95	10.29	10.62	10.51	10.11	9.62	9.54	10.29	10.31
1938.....	9.76	9.50	10.25	10.04	10.02	10.10	10.02	10.17	9.67	.....	.....	.....	.....
Indian Omra, No. 1, Fine:													
1928.....	16.57	15.65	16.26	16.53	16.90	16.75	16.42	17.50	16.14	15.33	15.69	15.73	16.30
1929.....	15.73	15.71	15.37	14.50	14.32	13.87	12.99	11.86	11.66	11.36	10.19	9.21	12.95
1930.....	8.23	8.15	8.17	8.03	7.73	7.91	8.94	8.94	8.33	7.73	7.62	8.05	8.19
1931.....	6.45	6.19	6.50	6.91	6.75	7.55	7.81	7.61	6.92	6.28	5.77	6.32	6.76
1932.....	7.27	7.87	6.95	6.73	6.33	6.61	6.33	6.25	6.44	7.96	8.70	9.98	7.29
1933.....	8.78	8.55	8.44	8.75	8.53	9.38	10.09	9.87	9.38	9.49	10.37	10.61	9.35
1934.....	10.81	10.34	9.74	9.98	10.59	11.07	11.17	10.61	10.90	11.38	11.17	11.63	10.78
1935.....	10.52	10.03	11.04	11.70	11.67	11.00	10.54	10.62	10.36	10.04	10.64	11.32	10.78
1936.....	10.62	10.83	10.65	10.31	10.53	10.62	10.79	11.54	11.41	11.24	11.13	10.51	10.87
1937.....	9.51	8.46	7.74	7.68	7.93	8.06	8.52	8.02	7.74	7.31	7.11	7.58	7.96
1938.....	7.32	6.93	7.09	7.14	7.03	6.97	6.95	6.85	7.02	.....	.....	.....	.....
Egyptian Sakellaris, Fully Good Fair:													
1928.....	37.61	33.54	36.74	37.35	39.11	38.83	36.52	38.09	37.55	35.79	33.44	33.78	36.83
1929.....	34.07	34.90	32.16	30.27	28.87	29.26	27.62	28.02	28.79	28.37	25.79	25.10	29.44
1930.....	23.22	20.89	19.61	19.51	18.22	17.01	19.47	19.59	17.74	16.59	15.63	15.57	18.42
1931.....	12.15	11.82	11.60	11.50	10.05	10.38	10.93	11.25	10.30	9.32	8.93	10.94	10.69
1932.....	11.47	12.60	11.31	10.58	9.64	10.36	10.15	10.16	11.04	13.24	14.35	16.31	11.77
1933.....	14.75	14.29	13.85	15.19	15.54	17.74	19.19	18.81	18.04	17.85	17.69	17.79	16.73
1934.....	18.44	17.54	16.82	18.25	18.57	18.39	17.95	16.92	16.83	17.01	16.57	16.59	17.49
1935.....	16.69	17.05	18.08	20.03	19.92	19.83	19.17	19.20	18.87	18.39	18.72	21.95	18.99
1936.....	22.43	21.74	22.29	23.34	21.43	20.96	20.29	23.94	24.68	23.26	21.68	20.12	22.19
1937.....	19.14	18.12	17.12	17.17	16.86	17.52	17.60	17.45	16.62	15.65	15.37	16.08	17.06
1938.....	15.78	15.76	16.45	16.38	14.96	14.24	13.78	13.59	12.73	.....	.....	.....	.....

See footnotes at end of table.

TABLE 154.—*Cotton: Average spot price per pound at Liverpool, by kind, 1928-38—Continued*

Description and year beginning August—	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Egyptian Uppers, Fully Good Fair:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928.....	25.91	24.11	25.18	24.84	24.84	24.94	24.43	26.12	25.08	23.38	22.97	23.03	24.57
1929.....	22.89	23.54	22.45	21.60	21.23	21.29	20.66	20.52	21.13	20.80	19.45	19.47	21.25
1930.....	17.92	17.09	14.28	13.71	12.49	12.98	14.46	14.42	13.38	12.55	11.92	12.25	13.93
1931.....	9.51	9.55	8.55	8.97	8.20	8.81	9.53	9.53	9.00	8.21	7.90	8.74	8.93
1932.....	10.08	10.95	10.05	9.76	9.18	9.57	9.30	9.18	9.81	11.96	12.73	14.71	10.61
1933.....	13.32	12.61	12.10	12.55	12.60	13.91	15.06	15.05	14.22	14.08	14.53	15.16	13.77
1934.....	15.79	15.15	14.72	15.36	16.01	16.29	15.60	14.89	15.54	15.97	15.09	15.33	15.49
1935.....	15.03	14.81	14.62	15.33	15.85	15.18	14.94	15.28	15.24	15.32	16.56	17.87	15.49
1936.....	16.94	15.80	15.31	15.07	15.58	16.44	16.68	19.05	19.38	19.88	18.96	19.68	17.40
1937.....	17.35	14.80	13.03	12.57	12.70	13.04	13.17	12.67	12.14	11.53	11.61	12.53	13.10
1938.....	12.30	12.27	13.03	12.63	11.89	11.50	11.56	11.58	10.90	-----	-----	-----	-----
Brazilian, Sao Paulo, Fair:													
1928.....	20.97	20.16	21.13	21.15	21.09	20.84	20.52	21.51	20.78	19.91	19.81	19.75	20.64
1929.....	19.69	19.49	19.14	18.39	18.31	18.33	16.65	16.00	16.46	16.02	14.74	13.97	17.27
1930.....	12.53	11.80	11.66	11.86	11.03	11.27	12.17	12.15	11.31	10.49	9.90	10.16	11.36
1931.....	7.83	7.57	7.44	7.56	7.20	7.76	8.27	8.34	7.62	7.00	6.44	7.00	7.50
1932.....	8.24	8.94	7.98	7.59	7.16	7.44	7.19	7.42	8.08	9.98	10.86	12.42	8.61
1933.....	11.11	10.98	10.91	11.46	11.34	12.41	13.65	13.22	12.58	12.40	13.23	14.07	12.28
1934.....	14.60	14.25	13.75	13.74	14.07	14.19	14.09	13.13	13.10	13.69	13.71	14.05	13.86
1935.....	13.13	12.74	13.27	13.75	13.62	13.11	12.98	13.15	13.59	13.50	14.16	14.42	13.45
1936.....	13.42	13.74	13.63	13.42	13.74	14.21	14.36	15.53	15.16	14.61	14.11	13.47	14.12
1937.....	11.79	10.86	9.85	9.56	9.95	10.29	10.62	10.45	10.00	9.62	9.25	9.98	10.18
1938.....	9.46	9.27	9.78	9.63	9.54	9.61	9.53	9.68	9.19	-----	-----	-----	-----
Peruvian Tanguis, Good:													
1928.....	24.51	23.72	24.78	24.90	25.12	24.90	24.62	26.22	25.53	24.68	24.74	24.70	24.88
1929.....	24.51	24.25	23.91	22.65	22.16	21.70	19.89	19.34	19.95	19.65	18.29	17.52	21.15
1930.....	16.02	14.66	14.07	14.19	13.20	13.58	14.44	14.52	13.71	12.52	12.13	12.23	13.78
1931.....	10.06	9.67	9.61	10.12	9.52	9.98	10.35	10.52	9.89	9.19	8.94	8.76	9.67
1932.....	9.98	10.85	9.98	9.44	8.95	9.24	8.94	9.20	10.02	12.11	13.10	14.94	10.56
1933.....	13.47	13.33	13.17	13.93	13.77	15.06	16.40	16.41	15.93	15.70	16.49	17.12	15.06
1934.....	17.64	17.10	16.41	16.38	16.65	16.59	16.31	15.20	15.11	15.58	15.42	15.58	16.16
1935.....	14.58	14.18	15.23	15.94	15.90	15.47	15.42	15.64	16.06	16.07	16.86	17.49	15.74
1936.....	16.77	16.81	16.92	17.05	17.73	18.63	19.45	20.48	19.77	19.27	18.39	17.49	18.23
1937.....	15.74	14.57	13.94	13.93	14.20	14.46	14.80	14.62	14.65	13.41	13.10	13.78	14.21
1938.....	13.16	12.59	12.95	12.77	12.65	12.63	12.42	12.06	11.53	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled in pence per pound from market reports of the Liverpool Cotton Association.

Averages of Friday quotations unless Friday was a holiday, when preceding business day is used. Price series converted to cents per pound at current monthly rates of exchange as reported by the Federal Reserve Board.

TABLE 155.—*Cotton: Average spot price per pound of American Middling and Indian Acola, Osaka, Japan, 1928-38*

Description and year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
American Middling, 3/8 inch:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928	21.54	20.71	21.71	21.48	21.51	21.39	21.23	21.86	21.45	20.98	21.19	21.57	21.38
1929	21.28	21.38	20.84	19.87	19.55	19.20	17.44	16.89	17.76	17.28	15.28	14.06	18.40
1930	13.36	12.37	11.84	12.26	11.36	11.43	12.36	12.25	11.80	10.75	10.45	10.76	11.75
1931	8.27	7.66	7.43	8.21	8.50	8.51	8.82	8.55	7.51	7.09	6.40	7.02	7.83
1932	8.55	8.87	7.90	7.72	7.35	7.52	7.11	7.37	7.85	9.65	10.81	12.12	8.57
1933	10.93	10.74	10.63	11.30	11.38	12.24	13.60	13.77	13.42	12.88	13.73	14.44	12.42
1934	15.13	14.78	14.32	14.42	14.61	14.52	14.14	13.17	13.55	13.95	13.42	13.80	14.15
1935	13.30	12.58	13.05	13.68	13.53	13.11	12.88	13.04	13.46	13.55	13.92	14.71	13.40
1936	14.17	14.10	13.94	13.83	14.61	15.39	15.64	16.67	16.86	16.42	16.54	15.90	15.34
1937	14.47	13.29	11.83	11.96	12.48	12.45	12.56	12.37	12.51	11.38	11.07	11.15	12.28
1938	10.64	10.21	10.48	10.68	10.51	10.39	10.29						
Indian Acola, 3/8 to 3/4 inch:¹													
1928	16.13	15.52	16.56	16.25	16.01	16.17	15.93	16.30	15.55	14.76	14.66	14.36	15.68
1929	14.63	14.97	14.37	13.54	13.55	13.41	12.12	11.77	12.30	11.51	10.21	8.88	12.60
1930	9.41	9.47	9.09	9.00	8.19	8.37	9.51	9.77	9.41	8.69	8.88	9.23	9.08
1931	7.71	7.49		7.89	8.23	8.56	8.67	8.17	7.27	6.46	5.83	6.43	7.52
1932	8.16	7.98	6.86	6.72	6.42	6.59	6.33	6.42	6.68	8.04	9.17	10.53	7.49
1933	9.63	9.50	9.65	10.03	9.90	10.40	10.52	10.13	9.77	9.60	10.37	10.51	10.00
1934	10.88	10.12	9.40	9.88	11.03	12.14	11.94	10.77	10.81	11.60	11.25	11.48	10.94
1935	10.78	10.19	11.18	11.51	10.89	10.54	9.94	9.94	10.22	10.33	10.97	11.43	10.66
1936	10.93	11.05	10.69	10.61	10.91	11.60	11.54	12.19	12.45	12.28	12.76	11.95	11.58
1937	11.45	11.66	10.43	9.50	9.93	10.26	10.32	10.07	9.82	8.84	8.47	8.60	9.95
1938	8.15	7.78	7.69	7.79	7.87	7.87	7.64						

¹ An average of Hinganghat, Yotmal, and Akora, referred to as Acola or as the Acola group. This group includes all quoted imported Indian cotton between Broach and Bengal in quality and represents a large part of the Indian cotton consumed in Japan.

² Average of two 10-day periods.

³ Average for months shown.

⁴ One 10-day period.

Bureau of Agricultural Economics. Compiled in yen per picul of 132.28 pounds, from *The Ten-Ten's* Return of Cotton, Cotton Yarn, Osaka, a publication issued 3 times a month. Averages of the high and low quotations for each 10-day period.

Price series converted to cents per pound at current monthly rates of exchange as reported by the Federal Reserve Board.

Data for earlier years in Agricultural Statistics, 1938, table 132.

TABLE 156.—*Cotton: Average spot price per pound in specified foreign producing countries, 1928-38*

Description, market, and year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Indian Oomra, No. 1, Fine, at Bombay:¹	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928	15.07	14.09	15.11	14.69	15.07	14.83	14.61	15.03	14.31	13.25	13.24	12.85	14.35
1929	13.90	14.06	13.70	12.76	12.38	11.72	10.25	9.90	10.27	9.66	8.63	7.50	11.24
1930	8.41	8.08	7.72	7.62	6.87	6.97	8.07	8.47	7.97	7.38	7.30	7.76	7.72
1931	6.46	5.80	5.45	5.89	6.79	7.41	7.27	7.21	6.32	5.47	5.06	5.51	6.22
1932	6.87	7.32	6.42	6.07	5.72	5.93	5.47	5.49	5.83	7.20	7.85	9.09	6.60
1933	7.81	7.95	7.42	7.78	7.74	7.85	8.88	8.61	8.60	8.56	9.19	9.47	8.32
1934	9.71	8.96	8.58	9.08	10.39	11.10	10.70	9.56	9.62	10.20	9.96	10.34	9.85
1935	9.51	9.25	9.73	10.23	10.01	9.32	8.71	8.71	9.00	9.09	9.95	10.25	9.48
1936	9.82	9.89	9.48	9.56	9.75	9.94	9.86	10.77	10.89	10.65	10.64	9.66	10.08
1937	8.73	7.77	6.92	6.93	7.46	7.66	7.78	7.30	7.02	6.71	6.19	6.75	7.27
1938	6.41	6.26	6.27	6.41	6.67	6.58	6.34	6.39					
Chinese Tungchow, Kiangsu, at Shanghai:¹													
1928	18.77	16.60	17.17	16.51	15.87	16.45	16.68	17.39	17.69	16.77	15.70	15.83	16.79
1929	15.68	15.55	14.79	14.36	13.81	13.40	13.31	12.63	12.84	12.23	10.42	10.18	13.27
1930	10.48	10.27	10.19	10.05	8.97	8.60	9.34	10.37	10.09	9.19	9.10	9.54	9.68
1931	8.42	8.39	8.42	8.82	8.18	8.08		8.43	8.38	7.94	6.91	6.50	8.04
1932	7.36	7.81	7.37	6.95	6.65	6.79	6.68	6.74	7.20	8.14	9.38	10.04	7.59
1933	9.58	9.16	9.09	9.69	9.53	10.20	10.55	10.67	10.03	9.06	10.87	11.51	10.07
1934	12.13	10.42	10.94	10.69	12.13	11.96	12.02	11.37	12.38	13.00	12.24	11.49	11.73
1935	12.19	11.28	10.88	9.88	10.34	10.25	10.63	11.91	11.93	11.45	11.60	13.25	11.30
1936	12.74	12.31	11.37	11.49	11.73	11.77	11.81	11.71	11.91	12.57	12.96	11.79	11.93
1937	11.19	9.73	8.14	9.20	8.96	7.61	7.94	9.63	8.75	6.81	5.73	6.18	8.32
1938	6.20	6.32	7.20	7.68	7.50	8.10	7.93	9.29					

See footnotes at end of table.

TABLE 156.—Cotton: Average spot price per pound in specified foreign producing countries, 1928-38—Continued

Description, market, and year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Egyptian Sakellariadis, Fully Good, Fair, at Alexandria:													
1928.....	Cents 35.89	Cents 34.52	Cents 34.40	Cents 35.47	Cents 37.90	Cents 37.26	Cents 36.04	Cents 37.43	Cents 35.92	Cents 33.37	Cents 32.31	Cents 32.14	Cents 35.22
1929.....	32.78	33.19	29.90	27.66	27.14	27.11	26.81	27.01	27.52	27.63	27.78	27.84	28.53
1930.....	26.88	21.69	17.98	17.20	14.10	15.00	17.77	17.73	15.58	15.13	13.66	13.96	17.22
1931.....	10.87	10.54	10.42	10.10	8.82	9.21	9.91	9.86	9.08	8.04	8.36	9.48	9.56
1932.....	11.15	11.84	10.06	9.46	8.68	9.42	9.07	9.04	9.76	11.73	12.88	14.62	10.64
1933.....	12.80	12.48	11.73	13.41	13.69	15.69	17.14	16.71	16.20	16.02	16.14	16.13	14.84
1934.....	16.34	15.26	15.02	16.22	16.14	16.42	15.94	14.85	14.84	15.28	14.97	15.10	15.53
1935.....	15.14	14.57	15.99	17.75	17.78	16.95	16.39	16.28	15.93	15.73	17.60	18.71	16.57
1936.....	17.90	17.94	19.45	19.51	19.14	19.03	19.02	22.31	24.56	19.62	20.15	19.07	19.81
1937.....	18.04	.....	15.73	.....	14.94	.....	15.02	.....	.....	12.43	.....	14.41	.....
1938.....	.....	12.34	13.07	13.47	12.32	11.66	11.70	12.22	.....	.....	.....	.....	.....
Egyptian Ashmuni (Uppers), Fully Good, Fair, at Alexandria:													
1928.....	24.03	21.66	22.41	22.16	23.05	22.57	22.80	24.09	23.20	21.36	21.14	20.93	22.45
1929.....	20.86	21.24	20.27	19.31	19.22	19.20	19.22	19.25	19.47	19.58	19.53	19.28	19.70
1930.....	18.75	13.33	11.61	11.84	10.78	11.14	12.89	12.86	11.61	10.82	10.23	10.33	12.18
1931.....	7.89	7.82	7.37	7.34	6.88	7.55	8.28	8.43	7.85	6.89	6.78	7.68	7.56
1932.....	9.06	9.91	8.96	8.66	8.08	8.41	8.02	7.90	8.49	10.44	11.30	13.17	9.37
1933.....	11.51	10.60	9.83	10.68	10.93	12.11	13.11	13.08	12.55	12.36	12.81	13.38	11.91
1934.....	13.90	13.18	12.96	13.54	13.64	14.12	13.59	12.99	13.30	13.68	13.52	14.05	13.54
1935.....	14.16	12.24	12.46	13.99	15.05	14.44	14.46	14.22	13.78	13.42	13.82	15.36	13.95
1936.....	14.34	13.45	13.42	13.22	13.72	14.49	14.79	16.88	18.08	18.58	17.38	17.09	15.46
1937.....	15.00	11.38	10.47	10.14	10.29	10.77	11.29	11.04	10.58	9.87	9.70	10.80	10.94
1938.....	10.29	10.37	11.16	10.85	10.32	9.75	9.77	9.72	.....	.....	.....	.....	.....
Brazilian type 5, at São Paulo:													
1928.....	22.57	21.64	21.77	21.49	21.48	21.44	21.62	21.63	20.76	18.20	15.86	14.88	20.29
1929.....	15.42	15.96	16.42	15.81	14.85	15.09	15.85	16.17	16.30	(*)	(*)	13.32	115.52
1930.....	11.59	11.59	11.58	11.51	11.19	9.74	9.84	9.54	8.68	7.77	8.50	8.81	10.03
1931.....	7.99	7.42	7.56	9.14	10.50	10.24	9.61	9.39	8.60	8.84	9.58	9.02	8.99
1932.....	10.31	9.96	11.14	11.63	11.40	12.17	12.30	11.87	10.79	10.67	10.51	11.17	11.41
1933.....	14.66	12.96	12.30	13.45	14.75	13.65	16.04	14.71	12.55	13.65	13.56	13.98	13.84
1934.....	12.53	11.85	12.73	13.06	13.35	12.53	11.40	11.29	11.61	11.66	11.82	12.29	12.17
1935.....	12.07	12.43	12.43	12.89	13.00	12.92	12.93	14.19	14.06	13.09	12.56	12.88	12.95
1936.....	11.50	10.85	9.81	8.96	8.05	8.77	9.40	9.19	8.71	8.27	8.37	9.21	9.26
1938.....	8.75	8.42	8.50	8.77	8.67	8.53	8.33	8.36	.....	.....	.....	.....	.....

¹ August 1928-August 1932, Oomra, Fine, Basis F. Berar.

² Estimated by comparing with other varieties and/or grades.

³ August 1928-December 1932 described only as Tungchow.

⁴ Average for months shown.

⁵ Nominal.

⁶ Exchange rates interpolated.

Bureau of Agricultural Economics. Compiled in original currencies and units as follows: Indian—August 1928-August 1932, Bombay Cotton Annual; September 1932 to date, The Financial News, Bombay, weekly. Monthly averages described as follows: August 1928-August 1932, daily spot or near futures quotations; September 1932 to date, Wednesday or Thursday spot quotations. Series converted from rupees per candy of 784 pounds to cents per pound at current monthly rates of exchange.

Chinese—August 1928-December 1932, An Analysis of Shanghai Commodity Prices, Shanghai, 1933 ("monthly average" prices); January-December 1933, Shanghai Market News Report, Shanghai, quarterly (averages of 1st and 15th of month); March-April 1934, Chinese Economic Bulletin, Shanghai, weekly; May 1934 to date, Prices and Price Indexes in Shanghai, monthly (prices for 15th of month). Series converted as follows: August 1928-December 1932, from Shanghai taels per picul of 133½ pounds to cents per pound at current monthly rates of exchange; January 1933-April 1934, from Chinese dollars per picul at current monthly exchange; May-June 1934, from Chinese dollars per picul at 15th of month exchange; July 1934 to date, from Chinese dollars per 50 kilograms at 15th of month exchange rates.

Egyptian—Monthly Bulletin of Agricultural and Economic Statistics, Cairo. Monthly averages described as follows: August 1928-January 1930, Thursday quotations; February 1930 to date, averages of daily prices. Series converted from tallars per cantar of 99.948 pounds to cents per pound (1 tallari—one-fifth of an Egyptian pound) at current monthly rates of exchange.

Brazilian—August 1928-December 1934, Relatório da Diretoria, Contas, Documentos, e Parecer da Comissão Fiscal, Bolsa de Mercadorias de São Paulo, annual; January 1935 to date, monthly reports of the American consul general at São Paulo. Monthly averages described as follows: August 1928-December 1932, average of maximum and minimum; January 1933-December 1934, monthly average as published (apparently an average of daily quotations); January 1935 to date, average of daily buyers' and sellers' quotations. Series converted from milreis per 15 kilograms to cents per pound at current monthly average rates of exchange as follows: August 1928-Sept. 10, 1934, official rates; Sept. 10, 1934-Feb. 11, 1935, free market rates; Feb. 11, 1935-Oct. 14, 1937, composite averages of official (35 percent) and free market (65 percent) rates; Oct. 14-Nov. 13, 1937, composite averages of official (20 percent) and free market (80 percent) rates; Nov. 13, 1937, to date, free market rates.

Data for earlier years in Agricultural Statistics, 1938, table 133.

TABLE 157.—Cotton: Volume of trading in futures at all contract markets, by months and crop years, 1928-38

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales	Mil- lion bales
1928	14.6	14.1	14.5	13.3	9.5	9.2	7.5	12.5	12.0	9.9	8.6	8.7	134.4
1929	9.0	11.4	11.8	11.4	6.0	6.2	10.7	9.6	7.7	5.8	7.4	4.5	101.7
1930	7.2	8.0	7.5	6.7	6.5	3.7	5.1	4.3	6.6	5.7	7.7	5.5	74.5
1931	6.0	7.7	8.8	8.3	4.4	3.5	5.3	4.5	5.2	3.6	4.5	3.2	65.0
1932	9.6	10.2	5.1	6.2	3.5	2.4	4.0	3.1	7.5	10.9	10.8	14.3	87.6
1933	7.3	8.7	6.1	6.6	2.6	6.9	8.8	4.0	5.7	3.6	5.8	6.3	72.4
1934	5.5	5.4	4.0	4.5	2.7	2.8	3.1	5.5	3.9	3.8	3.2	2.5	46.9
1935	3.6	3.4	4.7	3.8	3.2	4.1	2.2	1.9	2.1	1.9	4.0	4.7	39.6
1936	3.0	5.6	5.0	4.4	5.2	3.6	2.7	7.9	6.0	2.6	4.2	3.9	54.2
1937	4.6	5.8	5.0	3.6	3.6	2.5	4.2	3.5	3.1	3.2	4.7	3.5	47.3
1938	2.8	5.0	3.9	3.5	2.8	2.5	2.3	2.9	2.7				

Commodity Exchange Administration. Contract markets included are New York Cotton Exchange, New Orleans Cotton Exchange, and Chicago Board of Trade.

TABLE 158.—Cotton: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
United States	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
British India	5,805	393	7,672	169	6,169	105	5,652	177	6,070	247
Egypt	3,023	169	2,492	288	2,631	408	3,336	252	3,049	504
Brazil	1,480	0	1,510	0	1,777	0	1,616	0	1,847	0
Argentina	109	0	175	1	639	0	924	0	1,089	5
Argentina	78	1	119	0	168	0	227	0	58	5
Total	13,495	563	11,968	458	11,384	513	11,755	429	12,113	761
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom	0	3,208	0	2,487	0	2,505	0	3,107	0	3,345
Japan	0	3,108	0	3,289	0	3,392	0	4,200	0	3,794
Germany	304	1,819	309	1,668	190	1,430	34	1,092	0	1,129
France	105	1,638	34	1,320	30	1,032	19	1,491	18	1,300
Italy	1	1,072	1	897	0	686	0	468	0	763
China	289	636	187	878	145	253	170	188	176	71
Czechoslovakia	1	566	1	392	0	350	1	421	0	453
Belgium	12	391	72	268	142	445	144	506	170	620
Poland	0	290	0	261	0	303	0	326	0	334
Canada	0	277	0	233	0	262	0	313	0	331
Netherlands	2	187	1	194	1	188	3	229	2	290
Austria	1	154	0	114	0	160	0	181	0	182
Switzerland	0	142	1	120	0	122	0	123	2	157
Sweden	0	104	0	117	0	128	0	149	1	157
Total	715	13,592	606	12,338	508	11,246	371	12,794	369	12,956

¹ Preliminary.

² Beginning 1934, imports for consumption.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Bales of 500 pounds gross weight or 478 pounds net. The figures for cotton refer to ginned and unginned cotton, but do not include linters, mill waste, cotton batting, scarto (Egyptian and Sudan), when separately stated. Wherever unginned cotton has been separately stated in the original reports, it has been reduced to ginned cotton in this statement at the ratio of 3 pounds unginned to 1 pound ginned.

TABLE 159.—*Cotton: Volume of trading in futures at all contract markets, by markets and crop years, 1928-37*

Year beginning August	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Year beginning August	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade
	<i>Million bales</i>	<i>Million bales</i>	<i>Million bales</i>		<i>Million bales</i>	<i>Million bales</i>	<i>Million bales</i>
1928.....	96.4	36.8	1.2	1933.....	52.4	18.0	2.0
1929.....	69.2	31.9	.6	1934.....	36.3	9.6	1.0
1930.....	53.5	20.7	.3	1935.....	32.4	6.8	.4
1931.....	48.7	15.7	.6	1936.....	43.3	9.5	1.1
1932.....	63.2	21.9	2.5	1937.....	39.0	8.1	.2

Commodity Exchange Administration.

TABLE 160.—*Rayon: Production in selected countries and total, 1930-38*

RAYON YARN

Year	United States	Japan	Germany	United King- dom	Italy	France	Nether- lands	U. S. S. R.	Other countries	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1930.....	127.3	36.6	59.0	47.0	66.3	50.6	17.6	1.3	45.5	451.2
1931.....	150.9	48.3	61.9	52.7	74.2	44.0	18.7	3.5	45.5	499.7
1932.....	134.7	69.8	55.5	69.9	62.3	50.6	19.8	5.7	46.5	514.8
1933.....	213.5	98.3	62.9	80.1	73.4	57.0	19.2	8.6	50.4	663.4
1934.....	208.3	153.1	84.9	88.9	85.8	57.2	21.9	12.0	60.4	772.5
1935.....	257.6	224.3	97.7	112.2	85.7	61.7	20.7	13.2	67.4	940.5
1936.....	277.6	275.0	99.0	116.8	80.0	59.5	21.0	13.6	74.1	1,022.6
1937.....	321.7	334.4	125.0	119.7	106.5	66.4	23.7	15.4	86.0	1,198.8
1938 ¹	257.6	209.6	141.0	106.5	101.4	61.8	19.9	16.0	76.4	990.2

RAYON STAPLE FIBER

Year										
	<i>0.4</i>		<i>4.4</i>	<i>0.8</i>	<i>0.7</i>					<i>6.3</i>
1930.....	.9		4.4	.8	1.4	0.5				8.0
1931.....	1.1	0.5	5.5	1.2	9.4	1.7			0.4	19.8
1932.....	2.1	1.0	8.7	2.4	11.0	2.2			.5	27.9
1933.....	2.2	4.7	15.5	2.4	21.6	4.4			.8	51.9
1934.....	4.6	13.6	37.9	9.3	67.7	5.0	0.5		1.0	139.6
1935.....	12.3	45.9	94.4	26.2	110.1	6.6	1.1		1.0	298.2
1936.....	20.2	174.2	218.2	32.7	156.4	11.3	.2		6.1	619.3
1937.....	29.0	375.0	330.0	31.7	166.9	10.8	.1		13.4	957.8

TOTAL RAYON YARN AND STAPLE FIBER

Year										
	<i>127.7</i>	<i>36.6</i>	<i>63.4</i>	<i>47.8</i>	<i>67.0</i>	<i>50.6</i>	<i>17.6</i>	<i>1.3</i>	<i>45.5</i>	<i>457.5</i>
1930.....	151.8	48.3	66.3	53.6	75.6	44.5	18.7	3.5	45.5	507.7
1931.....	135.8	70.3	61.0	71.1	71.7	52.3	19.8	5.7	46.9	534.6
1932.....	215.6	99.3	71.6	82.4	84.4	59.2	19.2	8.6	50.9	691.3
1933.....	210.5	157.8	100.7	91.3	107.4	61.6	21.9	12.0	61.2	824.4
1934.....	262.2	237.9	135.6	121.5	153.4	66.7	21.2	13.2	66.4	1,080.1
1935.....	289.0	320.9	193.4	143.0	196.1	66.1	22.1	13.6	75.7	1,320.8
1936.....	341.9	508.6	344.2	162.4	262.9	77.7	23.9	15.4	91.1	1,818.1
1937.....	287.5	584.6	471.0	138.2	268.3	72.6	20.0	16.0	89.8	1,948.0

¹ Preliminary.

Bureau of Agricultural Economics. Compiled from the Rayon Organon (June 1939) of the Textile Economics Bureau, Inc.

TABLE 161.—*Cottonseed: Production, farm disposition, season average price per ton received by farmers, and value, United States, 1909-38*

Crop of—	Production ¹	Farm disposition						Price ²	Farm value
		Retained on farms	Used for seed	Used for feed and fertilizer	Delivered to oil mills	Exchanged for meal	Sold		
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	1,000 dollars
1909.....	4,442	1,173	518	655	3,269	312	2,957	25.81	133,098
1910.....	5,156	1,050	564	486	4,106	262	3,844	17.09	119,096
1911.....	6,970	2,049	525	1,524	4,921	425	4,496	19.10	116,237
1912.....	6,087	1,508	561	947	4,579	379	4,200	22.39	140,752
1913.....	6,286	1,440	573	867	4,846	343	4,503	16.50	118,060
1914.....	7,155	1,385	483	902	5,770	443	5,327	32.64	161,909
1915.....	4,963	770	542	228	4,193	264	3,929	49.10	249,686
1916.....	5,065	588	518	70	4,497	245	4,252	66.12	331,414
1917.....	5,012	755	570	185	4,257	176	4,081	65.21	348,310
1918.....	5,341	884	548	336	4,457	230	4,227	67.21	340,668
1919.....	5,069	1,076	560	516	3,993	269	3,724	22.94	136,880
1920.....	5,966	1,866	466	1,400	4,100	509	3,591	29.71	104,828
1921.....	3,528	633	500	133	2,895	336	2,559	34.74	150,414
1922.....	4,330	1,113	568	545	3,217	310	2,907	42.26	180,290
1923.....	4,503	1,225	619	606	3,278	259	3,019	34.08	206,212
1924.....	6,050	1,463	700	763	4,587	264	4,293	30.82	220,379
1925.....	7,150	1,635	703	932	5,515	351	5,164	21.55	172,131
1926.....	7,989	1,625	604	1,021	6,364	412	5,952	35.94	206,940
1927.....	5,758	1,172	677	495	4,586	322	4,264	35.26	226,874
1928.....	6,435	1,351	684	667	5,084	329	4,755	30.43	200,521
1929.....	6,590	1,568	670	898	5,022	317	4,705	21.93	135,778
1930.....	6,191	1,497	607	890	4,694	490	4,204	9.52	72,412
1931.....	7,604	1,984	572	1,412	5,620	859	4,761	10.35	59,888
1932.....	5,784	1,241	622	619	4,543	596	3,947	14.21	82,508
1933.....	5,806	1,647	432	1,215	4,159	385	3,774	34.79	148,981
1934.....	4,282	864	435	429	3,418	208	3,210	30.51	144,279
1935.....	4,729	979	475	504	3,750	316	3,434	33.27	183,336
1936.....	5,511	992	534	458	4,519	294	4,225	19.51	164,375
1937.....	8,426	1,805	394	1,411	6,621	655	5,966	21.70	115,691
1938 ³	5,310	1,163	-----	-----	4,147	447	3,700	-----	-----

¹ Computed from lint production, assuming 65 pounds of cottonseed for each 35 net pounds of lint.² State averages weighted by production to obtain United States average, rather than by sales as in table 162.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 162.—*Cottonseed: Average price per ton received by farmers, United States 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	37.00	34.51	30.69	34.17	37.13	37.31	37.22	37.43	37.58	37.31	35.81	34.43	34.09
1929.....	34.00	31.96	31.27	31.34	30.24	29.85	28.04	27.45	27.41	28.60	29.68	28.83	30.97
1930.....	27.00	23.26	23.86	20.40	21.22	21.12	20.97	21.61	22.09	22.30	21.73	20.02	22.09
1931.....	18.20	13.53	8.77	7.38	11.01	10.57	9.98	9.66	9.55	9.33	9.65	8.83	8.91
1932.....	7.80	8.65	11.43	10.38	9.33	8.70	8.55	8.53	8.78	9.57	11.34	12.18	10.23
1933.....	15.00	14.83	12.24	12.42	13.23	14.46	14.69	16.79	18.17	19.09	19.55	19.26	12.85
1934.....	22.50	26.76	31.91	35.04	36.58	39.34	38.56	38.19	37.07	36.68	36.27	34.92	32.98
1935.....	33.00	28.41	27.87	32.14	33.32	32.02	29.75	29.20	29.15	29.39	28.72	27.31	30.58
1936.....	28.00	31.87	33.77	33.36	33.13	34.79	36.57	37.19	37.33	37.82	37.42	35.62	33.44
1937.....	33.00	24.42	19.21	18.38	19.01	18.50	18.58	19.20	20.24	20.55	21.63	21.29	19.50
1938.....	21.00	21.36	21.16	22.42	23.08	23.04	23.09	22.58	22.98	22.95	22.87	-----	122.08

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by sales to obtain a price for the United States. Average for the year obtained by weighting State price averages for the crop marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 534.

TABLE 163.—*Cottonseed: Production and season average price per ton received by farmers, by States, average 1927-36, annual 1935-38*

State	Production from crop of 1—					Price for crop of 1—			
	Average 1927-36	1935	1936	1937	1938 ¹	1935	1936	1937	1938 ¹
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars	Dollars
Missouri.....	90	79	137	179	149	31.38	33.74	17.09	19.69
Virginia.....	18	13	15	19	6	31.75	34.60	21.15	22.29
North Carolina.....	315	254	265	346	172	31.26	34.11	19.98	22.66
South Carolina.....	354	330	362	455	288	29.60	33.53	19.85	23.03
Georgia.....	512	470	482	666	378	28.14	32.86	20.52	22.71
Florida.....	14	14	14	18	12	28.80	28.56	19.82	18.77
Tennessee.....	194	141	192	294	218	33.82	34.73	18.14	22.80
Alabama.....	515	471	509	726	480	27.10	33.16	19.23	21.53
Mississippi.....	650	560	849	1,198	757	32.32	35.78	19.85	23.32
Arkansas.....	525	379	576	847	600	32.80	34.89	18.19	22.03
Louisiana.....	291	247	338	491	301	30.35	33.77	18.79	20.58
Oklahoma.....	401	252	129	344	250	29.62	29.84	17.88	19.68
Texas.....	1,780	1,316	1,306	2,294	1,373	31.03	30.60	20.03	20.96
New Mexico.....	40	33	49	72	43	32.96	31.23	20.12	22.18
Arizona.....	57	60	85	130	87	29.56	33.55	19.17	21.03
California.....	100	106	196	328	189	31.10	35.22	20.86	22.65
All other.....	5	4	7	10	7	33.71	34.85	17.93	20.51
United States.....	5,869	4,729	5,511	8,426	5,310	30.51	33.27	19.51	21.79
Lower California, Old Mexico.....	20	32	27	23	15				

¹ Computed from lint production, assuming 65 pounds of cottonseed for each 35 net pounds of lint.² Prices are State averages weighted by production to obtain United States average, rather than by sales as in table 162.³ Preliminary.⁴ Not included in California figures nor in United States totals.

Bureau of Agricultural Economics.

TABLE 164.—*Cottonseed: Production, supply, quantity crushed, and production of crude cottonseed oil and byproducts, 1928-38*

Year beginning August	Cottonseed				Cottonseed products ¹			
	Production ²	Mill stocks Aug. 1	Total supply	Quantity crushed ³	Crude oil	Cake and meal ⁴	Linters	Hulls
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Million pounds	1,000 short tons	1,000 running bales	1,000 short tons
1928.....	6,435	22	6,457	5,061	1,604	2,282	1,086	1,368
1929.....	6,590	42	6,632	5,016	1,572	2,232	1,038	1,384
1930.....	6,191	45	6,236	4,715	1,442	2,165	824	1,304
1931.....	7,604	25	7,629	5,328	1,694	2,401	876	1,511
1932.....	5,784	300	6,084	4,621	1,446	2,093	741	1,312
1933.....	5,806	221	6,027	4,157	1,393	1,889	801	1,103
1934.....	4,282	223	4,505	3,550	1,109	1,614	805	913
1935.....	4,729	90	4,819	3,818	1,164	1,739	876	988
1936.....	5,511	22	5,533	4,498	1,364	2,031	1,127	1,144
1937.....	8,426	42	8,468	6,326	1,961	2,830	1,471	1,626
1938 ⁴	5,310	332	5,642					

¹ Crushings and products are not limited to the crop specified.² Estimated from the production of lint cotton, assuming 65 pounds of seed for each 35 pounds of lint.³ The reported production of meal for years beginning August 1932 has averaged about 45 percent of the weight of seeds crushed.⁴ Preliminary.

Bureau of Agricultural Economics. Quantity crushed and products from annual reports of the Bureau of the Census, Cotton Production and Distribution.

TABLE 165.—*Cottonseed oil, crude: Average price per pound in tanks, f. o. b. southeastern mills, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average ¹
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	8.16	8.14	8.24	8.38	8.63	9.12	9.00	8.37	7.94	-----	-----	-----	8.44
1929.....	7.66	7.33	7.38	7.26	7.24	7.40	7.13	7.48	7.32	6.95	7.00	7.29	7.29
1930.....	6.76	6.48	6.14	6.35	6.12	6.18	6.37	6.75	6.72	6.38	6.27	-----	6.41
1931.....	-----	3.60	3.54	3.80	3.33	3.24	3.22	3.12	2.61	2.56	2.86	3.24	3.19
1932.....	3.71	3.71	3.25	3.00	2.72	2.90	2.74	2.88	3.18	4.16	4.38	4.45	3.51
1933.....	4.48	3.57	3.23	3.58	3.43	3.56	4.18	4.44	4.40	4.23	4.66	5.10	4.07
1934.....	5.65	6.55	7.20	7.91	8.94	9.58	10.03	9.82	9.21	9.38	8.97	8.45	8.48
1935.....	8.72	8.74	9.17	9.16	9.36	8.91	8.45	8.30	8.36	7.62	8.06	8.67	8.63
1936.....	8.86	8.86	8.62	8.70	9.05	10.36	9.89	9.94	9.60	8.91	8.25	8.00	9.15
1937.....	7.05	6.22	6.10	5.98	5.94	6.17	6.70	7.03	6.93	7.03	6.75	7.33	6.60
1938.....	6.91	6.48	6.31	6.47	6.42	6.00	5.61	5.78	5.53	-----	-----	-----	-----

¹ Average is for months shown.² January 1929-July 1930 quoted in barrels.³ Less than 10 quotations during the month. Other quotations were bids.

Bureau of Agricultural Economics. Compiled from the Oil and Paint Drug Reporter except October 1932-June 1933, from the New York Journal of Commerce, when prices were not quoted in the usual source. Prices are average of quotations for Saturdays during the month, except September 1928-July 1934, which are averages of daily quotations.

Data for earlier years are available in the 1930 Yearbook, table 149.

TABLE 166.—*Cottonseed oil, prime summer yellow: Average spot price per pound, New York, 1928-38¹*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	9.44	10.03	9.84	9.69	10.21	10.33	10.88	10.74	10.11	9.75	9.64	9.62	10.02
1929.....	9.27	9.19	9.23	9.01	8.77	8.46	8.46	8.41	8.80	8.76	8.23	7.99	8.72
1930.....	8.34	8.20	7.60	7.57	7.28	7.20	7.29	7.58	7.55	6.99	6.76	7.00	7.45
1931.....	5.77	4.39	4.48	4.55	4.09	4.08	3.95	3.96	3.46	3.18	3.34	3.83	4.09
1932.....	4.61	4.48	3.97	3.75	3.48	3.62	3.53	3.77	4.08	4.99	5.48	6.17	4.32
1933.....	5.16	4.61	4.19	4.50	4.30	4.70	5.10	5.10	5.29	5.00	5.36	5.90	4.92
1934.....	6.80	7.50	8.10	9.20	10.10	10.56	11.36	10.83	10.26	10.50	10.10	9.60	9.60
1935.....	9.90	10.20	10.40	10.30	10.70	10.10	9.70	9.40	9.46	8.80	9.10	9.80	9.82
1936.....	10.10	10.20	9.90	9.96	11.00	11.40	11.00	11.10	10.60	10.50	10.00	9.20	10.42
1937.....	8.00	7.40	7.30	7.10	7.10	7.40	7.90	8.20	8.20	8.10	8.00	8.60	7.78
1938.....	8.10	7.80	7.60	7.40	7.40	7.10	6.70	6.90	6.60	-----	-----	-----	-----

¹ Prices through July 1930 quoted in barrels; beginning August 1930, quoted in tanks.² From November 1933 prices from Bureau of Labor Statistics.

Bureau of Agricultural Economics. Compiled from Oil, Paint, and Drug Reporter, average of daily ranges. Data for earlier years are available in 1924 Yearbook, table 323; and 1934 Yearbook, table 132.

TABLE 167.—*Cottonseed cake and meal: Production, United States, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1928.....	35.1	185.7	406.8	387.0	313.7	338.3	234.8	167.5	106.3	51.7	28.9	25.8	2,281.6
1929.....	56.3	215.0	402.6	346.6	275.7	294.8	228.1	170.2	104.3	62.2	38.7	28.5	2,232.0
1930.....	76.1	252.2	422.6	358.6	305.1	274.0	189.6	132.6	77.6	42.3	21.8	12.3	2,164.8
1931.....	28.3	200.7	388.0	388.8	320.0	262.2	238.1	236.8	152.0	92.8	62.3	41.2	2,401.2
1932.....	70.9	256.2	318.5	303.4	215.0	198.3	195.3	167.3	116.2	100.9	79.6	71.6	2,093.2
1933.....	107.3	231.5	289.9	263.6	203.8	211.9	197.1	161.1	84.2	51.4	41.0	45.7	1,888.5
1934.....	90.0	194.8	270.1	244.6	189.1	183.2	156.0	118.5	61.7	47.0	50.3	29.1	1,614.3
1935.....	64.6	194.2	340.7	283.9	224.1	206.7	161.4	115.5	62.5	36.5	20.3	18.6	1,738.9
1936.....	46.4	264.7	333.6	306.4	297.5	252.3	190.9	146.2	85.6	51.6	35.5	20.8	2,031.5
1937.....	80.0	345.5	426.2	398.0	355.5	318.4	283.1	243.1	151.3	97.9	74.2	56.6	2,830.4
1938 ¹	99.9	256.4	294.4	284.5	237.9	205.5	160.8	188.1	115.7	-----	-----	-----	-----

¹ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of Bureau of the Census.

TABLE 168.—*Cottonseed oil: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United Kingdom.....	46,146	18,657	34,621	17,154	95,424	9,182	53,992	5,789	57,202	0
Egypt.....	22,724	80	14,636	8	32,537	1	26,581	2	24,282	0
Peru.....	9,526	0	2,157	0	907	0	456	0	669	0
Brazil.....	352	23	1,492	13	28,070	45	51,420	3	148,157	357
China.....	981	0	337	0	20,953	0	27,096	0	54,508	0
Total.....	79,729	18,760	53,243	17,175	177,691	9,228	159,795	5,744	184,848	357
PRINCIPAL IMPORTING COUNTRIES										
Canada.....	2,949	39,439	2,355	29,345	930	22,677	0	20,755	0	20,527
Germany.....	283	19,296	385	12,829	71	4,928	0	3,541	664	9,311
United States.....	40,815	0	31,388	9,157	3,816	166,687	2,955	127,787	7,250	194,008
Netherlands.....	6,481	16,831	105	3,255	3,209	3,580	6,187	8,191	1,413	2,035
France.....	34	7,792	22	5,567	0	5,140	0	2,079	0	734
Denmark.....	809	6,624	729	3,179	250	10	700	0	874	0
Norway.....	0	4,474	0	1,046	0	134	0	78	0	221
Cuba.....	0	4,099	0	2,462	0	248	0	2,282	0	0
Malta.....	1	3,034	0	3,894	0	5,066	0	3,915	0	3,876
Sweden.....	447	2,824	0	3,425	0	3,573	0	1,756	0	996
Ireland.....	0	2,356	0	3,743	0	1,850	0	1,737	0	2,033
Belgium.....	15	2,347	21	686	0	386	11	575	69	838
Australia.....	1	1,914	48	1,173	46	24	0	333	0	33
Argentina.....	53	1,470	3	42	536	2	55	17	0	336
Syria and Lebanon.....	0	1,325	0	426	0	0	0	0	0	2
Japan.....	600	1,881	582	1,917	27,396	1,341	24,788	3,393	44,909	13,657
Gambia.....	9	622	0	492	0	593	0	655	0	0
Poland.....	0	585	0	348	0	23	0	26	0	41
Yugoslavia.....	0	498	0	43	0	227	0	177	0	0
Union of South Africa.....	0	425	0	375	0	287	0	160	0	108
Finland.....	0	326	0	69	0	30	0	18	0	5
Uruguay.....	0	298	0	141	0	956	0	46	0	0
Czechoslovakia.....	0	267	0	436	0	138	0	97	0	730
Italy.....	2	216	0	197	0	0	0	0	0	0
Total.....	61,499	117,893	35,647	84,247	26,263	217,900	34,696	177,618	55,176	249,491

¹ Preliminary² International Yearbook of Agricultural Statistics.³ 2-year average.⁴ 1-year average.⁵ 4-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Crude and refined cottonseed oil (when separately shown) have been added without converting, because in many countries information is not available as to which it is.

TABLE 169.—*Cottonseed meal, 41-percent protein: Average price per ton, Memphis, 1928-38*

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	45.60	38.40	43.90	44.15	45.60	44.90	44.40	42.70	38.75	35.50	34.25	38.75	41.41
1929.....	38.65	41.05	39.30	37.85	37.05	35.45	33.50	33.60	36.75	38.05	35.50	33.60	36.70
1930.....	36.25	30.90	27.50	27.60	25.60	25.75	24.90	26.45	26.25	24.55	22.40	21.20	28.61
1931.....	17.30	13.81	13.20	16.62	14.44	13.80	12.78	12.44	12.85	12.63	11.60	13.13	13.71
1932.....	17.35	16.75	14.38	13.32	11.81	11.85	12.00	13.09	15.22	17.50	18.59	27.63	16.79
1933.....	22.90	18.38	16.70	19.25	19.23	22.50	24.00	24.00	22.00	21.25	23.25	27.05	21.71
1934.....	34.81	33.88	33.90	37.00	37.75	34.63	33.25	30.80	30.45	30.00	26.95	24.30	32.31
1935.....	21.50	20.29	23.15	22.25	22.19	21.19	20.63	20.11	21.38	21.56	22.48	32.12	22.40
1936.....	33.94	30.95	29.91	32.25	34.20	34.66	34.29	35.28	40.13	40.31	34.53	31.66	34.33
1937.....	25.90	21.31	21.94	23.00	22.06	23.25	22.31	21.90	21.90	20.80	21.20	23.25	22.36
1938.....	22.05	21.00	20.90	21.75	22.80	22.60	21.50	22.20	23.20				

Bureau of Agricultural Economics.

TABLE 170.—*Sugar beets: Acreage, production, season average price per ton received by farmers, and value; production of beet sugar and other products, United States, 1913-38*¹

Year	Sugar beets						Beet sugar and pulp			
	Acreage planted	Acreage harvested	Average yield per acre	Production	Price	Farm value	Sugar produced (chiefly refined)	Molasses pulp	Dried pulp	Moist pulp
	1,000 acres	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 dollars	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1913.....	635	580	10.1	5,880	5.69	33,491	733	.....	.....	.....
1914.....	515	483	11.6	5,585	5.45	30,438	722	.....	.....	.....
1915.....	664	611	10.7	6,511	5.67	36,950	874	.....	.....	.....
1916.....	768	665	9.4	6,228	6.12	38,139	821	.....	.....	.....
1917.....	807	665	9.0	5,980	7.39	44,192	765	.....	.....	.....
1918.....	690	594	10.0	5,949	10.00	59,494	761	.....	.....	.....
1919.....	890	692	6.3	6,421	11.74	75,420	726	.....	.....	.....
1920.....	978	872	9.8	8,538	11.63	99,324	1,089	.....	.....	.....
1921.....	882	815	9.6	7,782	6.35	49,392	1,020	.....	.....	.....
1922.....	606	530	9.8	5,183	7.91	41,017	675	.....	.....	.....
1923.....	732	657	10.7	7,006	8.99	62,965	881	.....	.....	.....
1924.....	936	816	9.2	7,508	7.95	59,689	1,090	.....	.....	.....
1925.....	781	648	11.4	7,381	6.39	47,137	913	.....	.....	.....
1926.....	746	677	10.7	7,223	7.61	54,964	897	74	78	.....
1927.....	756	721	10.8	7,753	7.67	59,455	1,093	89	76	.....
1928.....	698	644	11.0	7,101	7.11	50,477	1,061	64	75	.....
1929.....	772	688	10.6	7,315	7.08	51,804	1,018	111	48	.....
1930.....	821	776	11.9	9,199	7.14	65,698	1,208	150	60	1,458
1931.....	760	713	11.1	7,903	5.94	46,948	1,156	99	75	1,112
1932.....	812	764	11.9	9,070	5.26	47,705	1,357	116	134	1,340
1933.....	1,036	983	11.2	11,030	5.13	56,599	1,642	141	134	1,715
1934.....	945	770	9.8	7,519	5.16	38,776	1,160	130	92	1,198
1935.....	809	763	10.4	7,908	5.76	45,565	1,185	125	74	1,454
1936.....	855	776	11.6	9,028	6.05	54,636	1,304	157	73	1,543
1937.....	816	755	11.6	8,784	5.27	46,249	1,288	166	51	1,600
1938.....	990	930	12.5	11,614	5.08	59,051	1,685	219	106	1,858

¹ Most years from 1913 to 1923 include a small unknown quantity of beets grown in Canada for Michigan factories.² Preliminary.

Bureau of Agricultural Economics.

TABLE 171.—*Sugar beets and beet sugar: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Sugar beets (in States where grown)									Beet sugar			
	Acreage harvested			Yield per acre			Production			Price for crop of 1937	Production ¹		
	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²		Average 1927-36	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons		Dollars	1,000 short tons	1,000 short tons
Ohio.....	32	25	51	8.7	5.8	7.2	266	144	366	6.15	31	14	43
Michigan.....	96	76	122	7.7	7.2	8.2	751	549	1,005	6.17	110	79	171
Nebraska.....	74	63	77	12.2	14.0	14.4	904	882	1,111	4.88	120	113	135
Montana.....	49	70	78	11.5	12.2	12.7	578	832	987	5.27	82	122	142
Idaho.....	45	51	71	11.0	12.1	15.8	494	615	1,122	5.19	75	99	143
Wyoming.....	44	47	53	11.6	13.0	12.9	512	612	684	4.91	81	94	106
Colorado.....	192	160	137	12.3	12.4	14.6	2,366	1,992	2,001	4.80	347	303	309
Utah.....	48	46	52	12.2	12.4	15.7	595	570	814	4.94	87	81	111
California.....	88	134	162	12.5	12.9	13.1	1,143	1,731	2,129	5.93	187	288	337
Other States.....	91	83	127	8.5	10.1	11.0	773	837	1,395	8.19	97	95	188
United States.....	760	755	930	11.0	11.6	12.5	8,383	8,784	11,614	5.27	1,218	1,288	1,685

¹ Includes some sugar manufactured from beets and beet molasses originating in other States.² Preliminary.

Bureau of Agricultural Economics.

TABLE 172.—*Sugar-beet seed: Acreage, yield, and production, all varieties and curly top-resistant varieties, 1932-38*

ACREAGE HARVESTED

State	1932	1933	1934	1935	1936	1937	1938
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
New Mexico ¹	53	158	410	791	1,943	1,360	1,059
Utah ¹	5	241	398	464	588	616	766
Nevada ¹					139	135	153
Arizona ¹			68	10	1,895	3,452	4,754
California ¹				407	738	1,001	1,122
Colorado and other States ²	350	500	725	650	675	500	522
Total, all varieties.....	412	949	1,601	2,322	5,978	7,064	8,376
Total, curly top-resistant varieties ³	14	449	841	1,091	2,675	3,206	2,936

YIELD PER ACRE

	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
New Mexico ¹	2,208	2,689	2,271	1,069	965	1,413	1,560
Utah ¹	1,632	1,420	2,358	1,988	2,326	1,883	2,033
Nevada ¹					1,625	1,494	1,498
Arizona ¹				2,000	1,057	1,540	1,347
California ¹	1,375	2,921	2,359	3,226	2,654	2,965	2,907
Colorado and other States ²	1,200	1,000	1,100	1,200	1,037	1,090	1,075
Average, all varieties.....	1,337	1,488	1,765	1,671	1,360	1,712	1,631
Average, curly top-resistant varieties ³	1,614	2,031	2,340	2,413	1,999	2,012	2,303

PRODUCTION

	<i>Bags</i> ⁴	<i>Bags</i> ⁴	<i>Bags</i> ⁴	<i>Bags</i> ⁴	<i>Bags</i> ⁴	<i>Bags</i> ⁴	<i>Bags</i> ⁴
New Mexico ¹	1,170	4,246	9,309	8,455	18,740	19,219	16,514
Utah ¹	83	3,413	9,380	9,224	13,679	11,602	15,574
Nevada ¹					2,289	2,012	2,284
Arizona ¹				200	20,039	53,478	64,039
California ¹	85	1,460	1,592	13,128	19,590	29,654	32,604
Colorado and other States ²	4,200	5,000	7,975	7,800	7,000	5,000	5,604
Total, all varieties.....	5,508	14,119	28,256	38,808	81,307	120,965	136,619
Total, curly top-resistant varieties ³	226	9,120	19,681	26,329	53,460	64,509	67,616

¹ Seed production almost exclusively from fall plantings overwintered in the field.² Colorado, Texas, Oregon, Idaho; seed production in Colorado chiefly from stockings grown in June or July plantings, overwintered in pit silos.³ The curly top-resistant varieties are chiefly those released by the Bureau of Plant Industry, U. S. Department of Agriculture.⁴ Bags of 100 pounds.

Bureau of Plant Industry. Compiled by Division of Sugar Plant Investigations from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 173.—*Sugar beets; acreage, yield per acre, production and yield of sugar per short ton of beets worked, in specified countries, averages 1925-34, annual 1937 and 1938*

Country	Acreage			Yield per acre			Production ¹			Yield of raw sugar per short ton of beets worked ¹		
	Average		1937	Average		1937	Average		1937	Average		1937
	1925-29			1930-34			1925-29			1930-34		
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 tons	1,000 tons	1,000 tons	Pounds	Pounds	Pounds
Canada.....	32	42	48	8.3	10.5	8.9	11.0	285	439	290	300	312
United States.....	676	801	752	990	10.9	11.2	12.5	7,355	8,945	304	323	310
Great Britain.....	165	322	314	336	8.0	10.0	9.0	1,426	3,215	283	309	284
Sweden.....	77	105	137	124	12.1	15.2	16.7	1,932	1,591	309	317	333
Denmark.....	183	183	183	104	12.9	15.0	16.6	2,005	1,784	305	324	319
Netherlands.....	157	111	103	104	12.8	15.9	16.9	2,005	1,784	305	327	300
Belgium.....	162	133	119	122	12.3	14.3	12.7	1,993	1,599	298	289	278
France.....	601	666	570	590	10.8	11.3	12.7	6,496	7,531	271	295	302
Spain.....	182	223	200	235	10.5	8.0	9.8	1,908	1,773	254	245	290
Italy.....	226	238	317	336	11.4	12.0	9.9	2,579	2,846	273	279	251
Germany ¹	992	801	950	978	12.2	13.9	15.9	12,103	11,137	330	330	323
Austria.....	62	107	100	107	10.5	11.2	10.8	650	1,195	336	322	321
Czechoslovakia.....	677	424	447	408	11.1	13.1	17.9	7,531	4,038	307	307	325
Hungary.....	168	128	153	73	7.4	6.9	8.3	853	351	286	272	299
Yugoslavia.....	167	81	73	117	6.2	6.8	7.8	1,029	572	262	317	324
Rumania.....	310	327	363	380	8.6	9.6	9.2	3,123	3,557	339	350	362
Poland.....	35	31	25	29	5.8	7.2	8.0	4,202	199	300	290	348
Bulgaria.....	6	8	8	13	7.2	9.5	12.2	224	188	192	243	203
Finland.....	19	62	59	10.0	13.1	10.0	8.9	229	622	311	322	323
Ireland.....	21	24	24	5.0	8.0	10.2	7.5	10	313	311	322	323
Latvia.....	2	8	2	2	8.0	10.2	7.5	10	313	311	322	323
Lithuania.....	1	3	3	1	10.3	15.8	14.7	52	58	292	284	315
Estonia.....	1	3	3	1	10.3	15.8	14.7	52	58	292	284	315
Turkey.....	12	47	66	73	2.8	5.9	5.4	53	357	245	313	337
Australia.....	1,620	3	4	11.0	15.7	13.2	6.3	22	47	232	253	195
Union of Soviet Socialist Republics.....	1,620	3,144	2,943	5.3	3.2	7.9	6.3	8,551	10,149	268	270	261
Estimated total of all countries reporting.....	6,746	7,931	7,927	9.3	9.3	10.1	9.3	62,623	65,048	81,600	77,400	-----

¹ Compiled from estimates of beets ground, reported by International Association for Sugar Statistics, and other sources.² Preliminary, except for United States.³ Beets harvested.⁴ Figures do not include Saar.⁵ Includes territory ceded to Germany in 1938.⁶ 4-year average.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture.

TABLE 174.—Sugar, chiefly raw: Production in continental United States and principal areas supplying United States with sugar, 1909-10 to 1938-39

Crop year	Cane						Beet 1	Cane and beet	
	Continental United States 1	Puerto Rico	Hawaii	Philippine Islands 1	Virgin Islands	Total		Excluding Cuba	Including Cuba
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
1909-10	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1910-11	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1911-12	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1912-13	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1913-14	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1914-15	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1915-16	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1916-17	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1917-18	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1918-19	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1919-20	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1920-21	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1921-22	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1922-23	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1923-24	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1924-25	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1925-26	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1926-27	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1927-28	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1928-29	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1929-30	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1930-31	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1931-32	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1932-33	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1933-34	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1934-35	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1935-36	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1936-37	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1937-38	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243
1938-39 4	351,726	346,786	517,080	168,234	7,516	1,371,772	3,362,243	1,919,372	3,940,243

1 Beet sugar (refined) reduced to raw basis by multiplying by 1.07.

2 Figures for Mexico, Louisiana and Texas, 1924-25 to 1927-28; Louisiana only, 1928-29.

3 Includes the production of muscovado and panocha, a low grade of sugar mostly for domestic consumption.

4 Preliminary.

Bureau of Agricultural Economics.

Institute of Agriculture.

Compiled from official sources and International

TABLE 175.—*Sugar, raw, cane and beet: Production, world and selected countries, 1909-10 to 1938-39*

Crop year ¹	Estimated world total ²	Estimated total cane ³	Estimated world total beet	Selected countries							France
				United States ⁴	Cuba	India ⁵	Java ⁶	Germany ⁷	Czechoslovakia	Poland ⁸	
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1909-10.....	16,772	9,628	7,144	880	2,021	2,481	1,411	2,147	-----	-----	861
1910-11.....	18,979	9,966	9,013	901	1,661	2,587	1,617	2,770	-----	-----	763
1911-12.....	17,657	10,426	7,231	1,002	2,124	2,745	1,550	1,552	-----	-----	546
1912-13.....	20,511	10,864	9,647	904	2,720	2,862	1,616	2,902	-----	-----	1,029
1913-14.....	20,997	11,481	9,516	1,085	2,909	2,573	1,549	2,886	-----	-----	841
1914-15.....	20,671	11,749	8,922	1,019	2,922	2,736	1,454	2,721	-----	-----	355
1915-16.....	19,086	12,519	6,567	1,074	3,398	2,949	1,797	1,678	-----	-----	376
1916-17.....	18,784	13,442	5,342	1,189	3,422	3,093	2,009	1,721	-----	-----	239
1917-18.....	20,105	14,619	5,486	1,065	3,890	3,839	1,960	1,726	-----	-----	159
1918-19.....	18,023	13,503	4,520	1,099	4,491	2,752	1,473	1,297	714	249	217
1919-20.....	18,107	14,439	3,668	902	4,184	3,404	1,681	774	553	106	182
1920-21.....	19,658	14,352	5,306	1,345	4,406	2,825	1,853	1,195	797	195	326
1921-22.....	20,827	15,311	5,516	1,425	4,517	2,928	1,994	1,434	731	200	522
1922-23.....	20,866	15,190	5,736	1,024	4,083	3,410	1,981	1,064	811	335	522
1923-24.....	23,901	16,478	6,523	1,111	4,606	3,715	2,201	1,263	1,115	423	524
1924-25.....	26,930	18,016	8,914	1,256	5,812	2,852	2,535	1,724	1,574	540	880
1925-26.....	27,757	18,717	9,040	1,119	5,524	3,334	2,140	1,763	1,662	638	796
1926-27.....	27,171	18,778	8,393	1,008	5,050	3,659	2,592	1,834	1,153	634	763
1927-28.....	29,256	19,511	9,745	1,242	4,527	3,603	3,223	1,846	1,383	624	911
1928-29.....	30,852	20,632	10,220	1,271	5,775	3,028	3,165	2,054	1,165	822	957
1929-30.....	30,785	20,786	9,999	1,307	5,231	3,082	3,214	2,188	1,142	1,010	968
1930-31.....	31,586	19,343	12,243	1,508	3,495	3,615	3,056	2,808	1,258	855	1,271
1931-32.....	29,241	20,058	9,183	1,421	2,917	4,452	2,822	1,760	903	544	923
1932-33.....	27,138	18,789	8,379	1,717	2,234	5,237	1,513	1,302	695	461	1,079
1933-34.....	28,812	19,192	9,620	2,007	2,527	5,484	701	1,574	569	380	999
1934-35.....	29,295	18,800	10,495	1,508	2,842	5,757	562	1,844	708	492	1,291
1935-36.....	31,738	21,039	10,699	1,651	2,864	6,643	646	1,845	631	505	977
1936-37.....	35,365	24,128	11,237	1,832	3,375	7,764	1,559	1,992	802	505	959
1937-38.....	34,718	22,610	12,107	1,840	3,351	5,908	1,536	2,437	836	620	1,023
1938-39 ⁹	33,488	21,708	11,780	2,383	3,063	4,881	1,736	2,205	720	631	1,000

¹ Figures are for the crop years 1909-10 to 1938-39 for the countries in which the sugar-production season begins in the fall months and is completed during the following calendar year, except in certain cane-sugar-producing countries where the season begins in May or June and is completed in the same calendar year. Production in these countries is for the calendar years 1909-38.

² Includes the production of cane sugar in India. See note 4.

³ Production of cane and beet sugar in terms of raw for continental United States.

⁴ The figures quoted for India are in terms of gur, a low grade of sugar polarizing between 50° and 60°. Practically the entire crop is consumed within the country.

⁵ All grades of sugar reduced to terms of head sugar, a grade of sugar which contains at least 96.5 percent of sucrose. Figures for Java are for the calendar years 1909-38.

⁶ Figures for 1909-10 to 1917-18 are for pre-war boundaries.

⁷ Figures are incomplete through 1920-21; 1914-15 includes Prussian Poland only; 1915-16 to 1919-20 include Prussian Poland and Congress Poland; 1920-21, includes Prussian Poland, Congress Poland, and Galicia.

⁸ Figures for 1909-10 to 1918-19 refer to pre-war boundaries; 1914-15 to 1918-19 are exclusive of invaded territory.

⁹ Preliminary.

¹⁰ Does not include Austria.

¹¹ Includes about 140,000 tons in territory ceded to Germany in 1938.

Bureau of Agricultural Economics. Estimated world total sugar production for the period 1895-96 to 1908-09 in 1924 Yearbook, table 386.

TABLE 176.—*Sugar: Production in specified countries, averages 1925-26 to 1934-35, annual 1935-36 to 1938-39*

BEET SUGAR IN TERMS OF RAW SUGAR

Country	Average		1935-36	1936-37	1937-38	1938-39 ¹
	1925-26 to 1929-30	1930-31 to 1934-35				
North America:	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Canada.....	38,481	65,815	68,101	88,674	68,500	82,100
United States.....	1,066,000	1,396,000	1,268,000	1,395,000	1,378,000	1,803,000
Total.....	1,104,481	1,461,815	1,336,101	1,483,674	1,446,500	1,885,100
Europe:						
Great Britain.....	201,611	497,466	585,375	647,972	469,567	400,000
Ireland.....	² 21,812	36,845	99,241	106,097	100,217	84,700
Sweden.....	144,091	251,877	324,690	329,808	381,711	319,100
Denmark.....	165,698	173,461	257,014	249,300	262,899	200,000
Netherlands.....	305,640	262,315	249,624	269,243	260,097	240,400
Belgium.....	297,449	274,474	261,456	265,868	261,704	200,000
France.....	878,805	1,112,458	977,295	959,313	1,023,029	1,000,000
Spain.....	242,154	217,194	198,938	276,677	166,570	200,000
Italy.....	351,957	396,550	362,907	379,226	394,454	440,000
Switzerland.....	7,601	8,233	9,250	9,921	13,338	16,200
Germany.....	1,937,058	1,837,658	1,845,244	1,991,782	2,436,582	2,204,600
Austria.....	109,249	192,092	226,929	161,457	173,049	209,437
Czechoslovakia.....	1,300,762	825,380	630,679	801,948	836,452	³ 720,000
Hungary.....	219,353	158,397	128,926	158,492	122,372	131,100
Yugoslavia.....	104,211	89,468	99,004	111,073	41,190	97,000
Bulgaria.....	20,314	32,477	18,220	12,316	33,110	21,300
Romania.....	134,913	112,953	148,340	89,875	90,000	184,000
Poland.....	745,342	546,047	505,382	505,441	619,550	630,700
Latvia.....	¹ 1,592	30,959	55,872	47,446	56,021	49,604
Lithuania.....	366	10,340	24,361	29,872	31,606	25,353
Finland.....	3,439	6,963	9,553	12,003	12,154	14,000
Union of Soviet Socialist Republics.....	1,147,880	1,370,997	2,239,433	2,203,000	2,755,750	2,400,000
Turkey ⁴	4,070	42,930	65,574	80,695	63,168	52,000
Total.....	8,350,687	8,487,472	9,323,316	9,698,825	10,604,500	9,839,494
Asia:						
Japan.....	21,561	28,880	34,061	49,604	50,065	50,398
Oceania:						
Australia.....	2,556	5,941	5,729	4,682	6,300	5,000
Total world beet sugar ⁵	9,479,485	9,984,118	10,699,207	11,236,785	12,107,455	11,779,992

See footnotes at end of table.

TABLE 176.—*Sugar: Production in specified countries, averages 1925-26 to 1934-35, annual 1935-36 to 1938-39—Continued*

Country	Average		1935-36	1936-37	1937-38	1938-39 ¹
	1925-26 to 1929-30	1930-31 to 1934-35				
North America, Central America, and West Indies:	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
United States.....	123,000	236,000	383,000	437,000	462,000	580,000
Hawaii.....	861,391	990,740	1,073,000	920,629	969,776	1,065,700
Puerto Rico.....	686,773	893,736	926,344	906,303	1,077,149	870,000
Virgin Islands.....	6,745	8,191	3,760	8,478	3,923	4,480
Central America:						
Guatemala.....	60,294	37,513	38,245	34,910	34,840	29,120
Salvador.....	22,150	23,308	29,505	33,217	44,092	19,040
Mexico.....	212,480	239,646	344,522	311,499	355,650	388,602
West Indies (British):						
Antigua.....	18,834	19,284	23,728	30,988	24,892	29,000
Barbados.....	65,748	90,232	143,360	143,628	100,435	162,400
Jamaica.....	67,574	69,392	102,439	110,388	132,509	129,360
St. Christopher.....	19,310	25,286	31,555	38,370	31,287	32,480
Trinidad.....	84,418	120,973	173,225	172,799	147,297	180,000
St. Lucia.....	5,751	6,335	9,092	8,631	9,063	9,000
Cuba.....	5,221,396	2,802,944	2,863,767	3,374,524	3,350,673	3,062,762
Dominican Republic.....	390,519	438,811	503,796	502,785	461,648	464,800
Haiti.....	10,035	28,224	41,783	40,325	45,635	44,800
West Indies (French):						
Guadeloupe.....	27,532	39,731	44,009	61,212	56,000	52,640
Martinique.....	44,260	48,888	55,040	56,421	60,626	60,480
Total.....	7,934,410	6,114,434	6,790,170	7,297,107	7,367,495	7,153,964
Europe and Asia:						
Spain.....	12,830	19,149	21,168	17,637	13,689	11,200
China.....	300,160	240,800	341,600	682,324	738,541	407,851
India ²	3,341,200	4,908,976	6,642,720	7,763,840	5,908,000	4,580,800
Taiwan.....	681,419	889,040	904,319	1,077,520	1,287,896	1,678,902
Japan.....	103,625	157,065	185,186	178,308	183,183	1,736,000
Java ³	2,866,683	1,730,825	645,745	1,558,776	1,103,192	1,152,305
Philippine Islands.....	819,960	1,176,489	1,042,625	1,167,827	85,979	82,672
Indo China.....	39,242	58,874	60,626	67,200	85,979	82,672
Total.....	8,165,120	9,181,218	9,933,989	12,513,432	10,673,480	9,649,730
South America:						
Argentina.....	439,803	383,332	431,623	486,656	414,522	519,680
Brazil.....	1,056,001	1,130,245	1,123,432	990,884	1,104,253	1,265,000
British Guiana.....	128,747	162,851	219,457	216,975	214,346	209,440
Colombia.....	36,212	32,324	32,480	29,120	38,590	62,832
Dutch Guiana.....	16,096	21,308	21,982	22,166	19,841	20,160
Ecuador.....	22,091	21,864	20,300	19,265	18,480	21,280
Peru.....	427,827	440,766	475,828	378,403	459,200	510,000
Venezuela.....	23,169	22,756	24,800	27,658	26,880	24,640
Paraguay.....	4,736	7,039	1,243	3,360	6,806	7,480
Total.....	2,154,682	2,222,485	2,351,145	2,174,517	2,302,908	2,641,472
Africa:						
Egypt.....	104,752	161,051	147,704	154,457	160,935	176,000
Mauritius.....	252,045	236,445	309,195	331,065	351,478	354,100
Union of South Africa.....	264,571	365,591	417,318	446,409	507,219	521,000
Mozambique.....	81,281	92,976	93,151	84,818	83,440	78,400
Reunion.....	55,775	63,641	100,366	92,330	90,000	90,000
Madagascar.....	4,357	8,139	13,728	12,100	14,100	13,000
Total.....	763,080	927,843	1,081,462	1,121,179	1,207,172	1,232,500
Oceania:						
Australia.....	564,166	667,226	724,128	876,656	906,020	880,000
Fiji.....	103,616	117,330	157,768	145,255	153,343	150,000
Total.....	667,782	784,546	881,894	1,021,911	1,059,363	1,030,000
Estimated world total cane sugar ⁴	19,685,074	19,230,526	21,038,060	24,128,146	22,610,418	21,707,666
Estimated world total cane and beet sugar ⁵	29,164,859	29,214,644	31,737,867	35,364,931	34,717,873	33,487,658

¹ Preliminary.² 4-year average.³ Includes about 140,000 tons in territory ceded to Germany in 1938.⁴ Includes Turkey in Asia.⁵ Excluding countries where production is very small and for which data are unobtainable.⁶ The figures quoted for India are for the production of gur, a low grade of sugar, polarizing between 50° and 60°. Practically the entire crop is consumed within the country.⁷ Figures for Java are for the calendar years 1925-38.

Bureau of Agricultural Economics. Compiled from official sources, International Institute of Agriculture, sugar associations and trade estimates. Figures are for the crop years 1925-26 to 1938-39 for the countries in which the sugar-harvesting season begins in the fall months and is completed during the following calendar year except in certain cane-sugar-producing countries in the Southern Hemisphere such as Argentina, Australia, Mauritius, Union of South Africa, etc., where the season begins in May or June and is completed in the same calendar year. Production in these countries is for the calendar years 1925-38.

TABLE 177.—*Cane sugar: Production of Hawaii, 1925-38*

Year beginning October	Total acreage in cane	Cane used for sugar			Sugar produced		Raw sugar 96° made per short ton of cane	Recovery of equivalent refined sugar from cane ground ⁴
		Acreage har- vested	Average yield per acre ¹	Pro- duction	Con- verted to 96° raw basis ²	Equiva- lent re- fined ³		
	<i>Acres</i>	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Pounds</i>	<i>Percent</i>
1925-----	237,774	122,309	53.1	6,495,686	804,644	752,020	248	11.58
1926-----	234,809	124,542	56.1	6,992,082	831,648	777,258	238	11.12
1927-----	240,769	131,534	58.6	7,707,330	920,587	860,561	239	11.17
1928-----	239,858	129,131	57.7	7,447,494	925,140	864,636	248	11.61
1929-----	242,761	133,840	58.7	7,833,439	939,287	877,858	239	11.18
1930-----	251,533	137,037	61.9	8,485,183	1,018,047	951,467	240	11.21
1931-----	251,876	139,744	63.4	8,865,323	1,057,303	988,155	239	11.15
1932-----	254,563	144,959	60.1	8,565,781	1,063,605	994,045	248	11.60
Oct. 1-Dec. 31, 1933-----					127,317	118,990		
Year beginning Jan. 1:								
1934-----	252,237	134,318	50.5	7,992,290	959,337	896,596	240	11.22
1935-----	246,491	128,116	67.8	8,555,424	996,849	922,309	231	10.78
1936-----	245,891	130,828	70.1	9,170,279	1,042,316	974,149	227	10.62
1937-----	240,833	126,671	69.5	8,802,716	944,382	882,619	215	10.03
1938-----	238,302	135,978	65.0	8,835,370	941,268	879,732	213	9.96

¹ The growth of 18 to 22 months.² Converted in accordance with Sugar Regulations, Series 1, No. 1, U. S. Department of Agriculture, Agricultural Adjustment Administration, issued Feb. 18, 1933.³ 1 ton of raw sugar 96° test is assumed to be equivalent to 0.9346 ton of refined.⁴ Based on tonnage of cane used.

Bureau of Agricultural Economics prior to 1926; since then data collected through the Hawaiian Sugar Planters' Association. For earlier years see 1934 Yearbook, table 140. The average yearly polarization in Hawaii for the period 1925-38 of sugar as made is 97.5378°.

TABLE 178.—*Cane sugar: Production of Philippine Islands, 1924-25 to 1938-39*

Crop year	Sugarcane harvested			Sugar produced		Sugar made per ton of sug- arcane	Recovery of equivalent refined sugar from sugarcane ground
	Acreage	Average yield per acre	Production ¹	As made	Equivalent refined ²		
	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Pounds</i>	<i>Percent</i>
1924-25-----	591,730	11.8	7,000,000	779,510	740,534	223	10.88
1925-26-----	572,877	9.0	5,132,226	607,362	576,996	237	11.24
1926-27-----	586,492	11.2	6,584,951	768,902	728,557	234	11.10
1927-28-----	585,627	11.9	6,979,539	807,514	767,426	231	11.00
1928-29-----	636,801	12.9	8,218,795	933,955	887,256	227	10.80
1929-30-----	640,063	13.0	8,322,026	963,767	934,579	226	11.20
1930-31-----	633,021	13.6	8,593,547	958,032	910,130	223	10.59
1931-32-----	625,435	16.7	10,439,625	1,174,311	1,110,898	225	10.64
1932-33-----	663,365	17.6	11,695,744	1,342,795	1,270,284	230	10.86
1933-34-----	755,854	19.0	14,345,452	1,632,858	1,563,353	230	10.90
1934-35-----	521,603	12.6	6,572,198	754,714	713,959	230	10.86
1935-36-----	619,693	14.6	9,046,204	1,042,625	986,323	230	10.90
1936-37-----	642,197	15.9	10,210,932	1,167,827	1,104,764	230	10.82
1937-38-----				1,103,192	1,043,620		
1938-39 ³ -----				1,152,305	1,090,081		

¹ Calculated quantity of sugarcane ground for sugar based upon the production of sugar as made and the annual average number of tons of sugarcane required to produce 1 ton of sugar.² 1 ton of sugar as made is assumed to be equal to 0.95 ton of refined from 1924-25 to 1930-31 and 0.946 ton of refined from 1931-32 to 1938-39, as recommended by the joint committee on sugar statistics of the Departments of Commerce and Agriculture.³ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the Philippine Department of Plant Industry and Customs Bureau.

TABLE 179.—Cane sugar: Production of Puerto Rico, 1924-25 to 1938-39

Crop year	Sugarcane harvested ¹			Sugar produced		Sugar made per ton of sugarcane	Recovery of equivalent refined sugar from sugarcane ground
	Acreage	Average yield per acre	Production	As made	Equivalent refined ²		
	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Pounds</i>	<i>Percent</i>
1924-25.....	240 010	25.7	6,173,272	660,003	619,941	214	10.04
1925-26.....	242,745	22.6	5,474,843	603,187	566,574	220	10.35
1926-27.....	236,148	24.0	5,661,693	629,133	590,945	222	10.44
1927-28.....	237,746	26.9	6,405,023	745,677	703,232	234	10.98
1928-29.....	251,018	20.9	5,250,100	586,760	551,144	224	10.50
1929-30.....	254,259	28.3	7,193,545	866,100	813,536	241	11.30
1930-31.....	279,165	25.2	7,035,407	783,163	735,625	223	10.46
1931-32.....	293,953	28.6	8,418,225	992,335	938,749	236	11.15
1932-33.....	300,071	23.9	7,165,188	816,337	772,255	228	10.78
1933-34.....	350,126	25.9	9,070,454	1,103,822	1,044,216	243	11.51
1934-35.....	299,384	25.1	7,518,461	773,021	731,278	242	11.44
1935-36.....	299,804	25.3	7,592,201	926,344	876,321	244	11.54
1936-37.....	300,951	27.1	8,144,288	996,303	942,593	245	11.57
1937-38.....			8,775,863	1,077,149	1,018,963	245	11.58
1938-39 ³				870,000	823,020		

¹ About 14 of the crop is of 19 months' growth and $\frac{1}{2}$ is 12 months' growth.

² 1 ton of sugar as made is assumed to be equivalent to 0.9393 ton of refined from 1924-25 to 1930-31 and 0.946 ton of refined from 1931-32 to 1938-39, as recommended by the joint committee on sugar statistics of the Department of Commerce and Agriculture.

³ Actual quantity of sugarcane harvested, including 6,392,547 tons of sugarcane cut for the production of sugar, and 1,125,914 for the production of high-grade molasses. It is estimated that about 1,935,542 tons of sugarcane were left standing and harvested the following year.

⁴ Preliminary.

Bureau of Agricultural Economics. Compiled from annual reports of the Governor of Puerto Rico.

TABLE 180.—Cane sugar and molasses: Production in Louisiana and Florida, 1919-38

State and year ¹	Sugarcane used for sugar				Sugar produced			Molasses made	
	Acreage harvested	Average yield of cane per acre	Production	Season average price per ton received by farmers	Farm value	Converted to 96° raw basis ²	Equivalent refined ³	Raw sugar 96° made per ton of sugarcane	Molasses made
	1,000 acres	Short tons	1,000 short tons	Dollars	dollars	1,000 short tons	1,000 short tons	Pounds	1,000 gallons
Louisiana:									
1919.....	179	10.5	1,883	14.00	26,362	124	116	132	6,468
1920.....	183	13.6	2,493	5.76	14,360	173	162	139	9,949
1921.....	226	18.5	4,181	3.63	15,177	331	309	158	17,613
1922.....	242	15.6	3,778	5.83	22,026	301	281	159	15,210
1923.....	215	11.1	2,387	7.09	16,924	165	154	138	8,169
1924.....	163	7.5	1,228	5.58	6,852	90	84	147	3,336
1925.....	190	13.9	2,644	4.05	10,708	142	133	107	12,171
1926.....	128	6.8	864	4.92	4,231	48	45	111	2,745
1927.....	73	13.2	962	4.61	4,435	72	67	150	2,582
1928.....	130	14.3	1,860	3.86	7,180	135	126	145	5,683
1929.....	185	15.8	2,918	3.77	11,001	204	191	140	14,418
1930.....	175	14.6	2,559	3.38	8,649	188	176	147	12,032
1931.....	169	13.2	2,232	3.29	7,343	160	150	143	9,477
1932.....	208	13.9	2,886	3.06	8,531	228	213	158	10,983
1933.....	197	13.2	2,600	3.29	8,554	209	195	161	11,197
1934.....	222	13.6	3,019	2.33	7,034	239	223	158	12,765
1935.....	239	17.1	4,087	3.18	12,997	341	319	167	20,088
1936.....	227	21.4	4,854	3.71	18,008	386	361	159	27,388
1937.....	254	20.7	5,258	2.91	15,301	405	379	154	29,244
1938 ⁴	270	21.7	5,859	2.71	15,878	491	459	168	35,009
Florida:									
1928.....	1	13.0	13	4.40	57	1	1	154	134
1929.....	7	28.9	202	4.30	869	13	13	139	1,444
1930.....	12	29.2	351	3.95	1,386	27	25	154	2,202
1931.....	13	22.5	292	3.85	1,124	24	22	164	1,819
1932.....	13	32.4	421	3.43	1,444	37	35	176	2,489
1933.....	14	33.5	469	3.13	1,468	41	38	175	2,943
1934.....	14	27.4	384	2.93	1,125	28	26	146	2,921
1935.....	14	34.7	486	3.23	1,570	42	39	173	3,292
1936.....	17	33.2	565	3.44	1,944	51	48	181	3,673
1937.....	19	33.4	634	3.38	2,143	57	53	190	4,286
1938 ⁵	24.3	35.4	861	2.76	2,376	80	83	207	5,872

¹ Sugar campaign, usually not ended before February in Louisiana and April in Florida, following season of growth of cane.

² Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

³ Calculated on the basis of 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

⁴ Strip production not included. (See table 190.)

⁵ Does not include 420,000 tons of frozen cane abandoned in the fields, and 856,000 tons lost by topping of extra joints at harvest.

⁶ Preliminary.

Bureau of Agricultural Economics. For earlier years see 1934 Yearbook, table 141. Of the total sugar produced in Louisiana about 25 percent consists of direct consumption sugar, marketed "as made" without further refining.

TABLE 181.—*Sugar: Stocks, production, trade, and supply available for consumption in continental United States, 1922-33*

IN TERMS OF RAW SUGAR

Year beginning July	Stocks as of July 1 ¹	Production ²	Brought in from insular possessions ³	Imports as sugar ⁴	Domestic exports as sugar ⁵	Exports in other forms ⁶	Available for consumption	
							Total	Per capita
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Pounds
1922.....	467,655	1,024,000	1,235,049	4,068,205	412,196	12,568	5,922,823	107.0
1923.....	447,322	1,111,000	1,274,870	3,436,955	152,883	24,617	5,587,015	99.4
1924.....	505,632	1,256,000	1,645,319	3,931,282	273,470	22,436	6,318,067	110.8
1925.....	724,260	1,119,000	1,981,482	3,895,947	325,804	24,998	6,422,064	111.0
1926.....	947,793	1,008,000	1,689,347	3,908,997	124,555	26,303	6,713,358	114.4
1927.....	749,921	1,242,000	2,051,659	3,415,830	115,566	29,833	6,156,777	102.4
1928.....	1,157,234	1,271,000	1,974,899	4,115,901	139,324	31,894	6,955,155	116.3
1929.....	1,392,361	1,307,000	2,377,787	2,823,173	87,092	43,320	6,590,154	107.6
1930.....	1,179,755	1,508,000	2,603,735	2,416,398	77,131	33,026	6,438,372	104.1
1931.....	1,159,359	1,421,000	2,811,893	2,321,442	58,973	28,522	6,679,112	107.2
1932.....	947,087	1,717,000	3,074,951	1,710,999	44,000	22,437	6,364,703	101.5
1933.....	1,018,897	2,007,000	3,234,650	1,356,426	67,427	16,705	6,217,562	98.5
1934.....	1,315,279	1,508,000	2,308,896	2,773,813	164,504	9,992	6,680,196	105.1
1935.....	1,493,218	1,651,000	2,686,969	2,372,066	103,349	13,220	6,642,232	103.8
1936.....	1,444,432	1,832,000	2,832,281	2,010,671	83,859	11,345	6,579,421	102.1
1937.....	1,444,779	1,840,000	2,691,820	1,742,492	64,946	14,560	5,990,740	92.3
1938.....	1,648,845	2,383,000						

IN TERMS OF REFINED SUGAR⁷

1922.....	439,549	957,000	1,161,351	3,805,745	383,439	11,682	5,547,787	100.2
1923.....	420,737	1,038,000	1,198,777	3,214,883	142,217	22,943	5,231,519	93.1
1924.....	475,718	1,174,000	1,547,587	3,674,563	254,391	20,911	5,916,133	103.8
1925.....	680,433	1,046,000	1,859,332	3,634,323	303,073	23,298	6,002,602	103.8
1926.....	891,115	942,000	1,588,981	3,714,054	115,865	24,514	6,291,375	107.2
1927.....	704,396	1,160,000	1,930,732	3,196,443	107,704	27,805	5,768,102	96.9
1928.....	1,087,960	1,188,000	1,858,331	3,851,311	129,846	29,726	6,516,158	108.0
1929.....	1,309,872	1,222,000	2,299,140	2,641,709	81,167	40,375	6,182,327	100.9
1930.....	1,108,852	1,409,000	2,451,611	2,261,187	71,884	30,781	6,039,349	97.7
1931.....	1,088,636	1,328,000	2,675,996	2,186,307	55,541	26,862	6,306,086	101.2
1932.....	890,450	1,605,000	2,924,863	1,611,418	41,439	21,131	6,011,706	95.9
1933.....	957,455	1,875,000	3,074,820	1,277,481	63,503	15,733	5,870,059	93.0
1934.....	1,235,461	1,409,000	2,199,181	2,612,372	154,929	9,410	6,303,773	99.2
1935.....	1,400,084	1,643,000	2,557,242	2,234,000	97,333	12,451	6,269,158	97.9
1936.....	1,355,384	1,713,000	2,693,616	1,893,643	78,798	10,685	6,203,120	96.3
1937.....	1,362,880	1,720,000	2,560,193	1,641,066	61,166	13,713	5,658,324	87.2
1938.....	1,550,916	2,227,000						

¹ Includes stocks of raw cane sugar in all ports and of beet sugar held by factories, according to trade sources through 1934. Beginning 1935 includes stocks of raw and refined sugar held by refiners, by importers and distributors of direct-consumption sugar, and by beet-sugar factories, as reported by the Sugar Division U. S. Department of Agriculture. Stocks on July 1, 1935, comparable with July 1, 1934, totaled 1,051,296 tons raw value and 987,502 tons refined value.

² Beet and cane sugar only.

³ Duty free, from Hawaii, Puerto Rico, the Philippine Islands, and Virgin Islands.

⁴ No account taken of sugar imported in other forms. Imports from the Philippine Islands and Virgin Islands excluded, reexports deducted through 1932; imports for consumption beginning 1933.

⁵ Shipments to Hawaii and Puerto Rico included, also to Alaska beginning 1933, and to Virgin Islands beginning January 1935. Direct exports to foreign countries, through customs districts of noncontiguous territories excluded.

⁶ Sugar used in the manufacture of other commodities for export on which drawback was paid.

⁷ Raw sugar converted to refined by multiplying by the following factors: 1922 to 1930, Cuba and Hawaii, 0.938; Puerto Rico, 0.939; Philippines, 0.95; all others (Santo Domingo, British West Indies, Louisiana, etc.), 0.932. Beginning 1931, Hawaii, 0.9617; Puerto Rico, Philippines, and Virgin Islands, 0.946; Cuba and all others 0.9418. Use reciprocal of above factors to reduce refined sugar to raw.

Bureau of Agricultural Economics. Trade figures from the Bureau of Foreign and Domestic Commerce.

TABLE 182.—*Cane sugar raw: Refiners' stocks, receipts, meltings, and direct-consumption deliveries, 1934-38*

Year and source of supply	Jan. 1 stocks	Receipts ¹	Meltings	Deliveries for direct consumption	Lost by fire, etc.	Dec. 31 stocks
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1934.....	177, 789	4, 556, 678	4, 182, 368	17, 153	922	534, 024
1935.....	534, 024	4, 241, 484	4, 509, 176	10, 182	217	255, 933
1936.....	255, 933	4, 468, 761	4, 513, 602	11, 032	375	199, 685
1937:						
Cuba.....	42, 366	1, 772, 371	1, 763, 255	6, 885	62	44, 535
Hawaii.....	36, 369	959, 936	963, 648	3, 910	0	28, 747
Puerto Rico.....	55, 862	772, 741	771, 604	1, 427	0	55, 572
Philippine Islands.....	11, 947	926, 174	931, 468	1, 559	0	5, 094
Continental United States.....	46, 042	306, 774	290, 031	165	0	62, 620
Virgin Islands.....	0	7, 842	7, 842	0	0	0
Other countries.....	7, 099	120, 124	116, 410	0	0	10, 813
Miscellaneous (sweepings, etc.).....	0	911	911	0	0	0
Total.....	199, 685	4, 866, 873	4, 845, 109	13, 946	62	207, 381
1938: ²						
Cuba.....	44, 535	1, 576, 693	1, 607, 438	2, 622	1, 032	10, 136
Hawaii.....	28, 747	899, 340	901, 826	3, 962	0	22, 299
Puerto Rico.....	55, 572	779, 864	719, 616	2, 721	699	112, 400
Philippine Islands.....	5, 094	911, 255	891, 801	451	89	24, 008
Continental United States.....	62, 620	352, 027	329, 604	398	0	84, 645
Virgin Islands.....	0	3, 923	3, 923	0	0	0
Other countries.....	10, 813	124, 438	121, 485	0	0	13, 766
Miscellaneous (sweepings, etc.).....	0	756	756	0	0	0
Total.....	207, 381	4, 648, 296	4, 576, 449	10, 154	1, 820	267, 254

¹ Receipts are of sugar arriving in the ports of the United States, regardless of whether or not they have been imported (i. e., entered through the customs).

² Preliminary.

Sugar Division. Compiled in the administration of the Jones-Costigan Act, Public Res. No. 109, and the Sugar Act of 1937.

TABLE 183.—*Sugar, refined, cane and beet: Stocks, production and receipts, and distribution in the United States, by primary distributors, 1934-38*

JAN. 1 STOCKS

Year	Cane-sugar refineries	Beet-sugar factories	Importers of direct consumption sugar ¹	Continental cane-sugar mills ²	Total
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1934.....	369, 234	1, 341, 404	135, 683	19, 157	1, 865, 478
1935.....	302, 896	1, 060, 110	176, 761	17, 920	1, 557, 689
1936.....	250, 180	859, 783	134, 221	31, 174	1, 276, 358
1937.....	249, 080	890, 208	57, 519	16, 334	1, 213, 141
1938 ³	356, 092	1, 007, 951	59, 313	24, 308	1, 447, 664
1939 ⁴	334, 327	1, 266, 785	76, 813	62, 789	1, 740, 714

PRODUCTION AND RECEIPTS

1934.....	3, 950, 020	1, 178, 173	573, 648	89, 420	5, 791, 261
1935.....	4, 263, 871	1, 181, 686	531, 843	101, 801	6, 079, 200
1936.....	4, 271, 491	1, 318, 272	604, 817	121, 469	6, 316, 049
1937.....	4, 567, 172	1, 274, 885	595, 450	183, 770	6, 591, 277
1938 ⁵	4, 318, 975	1, 633, 252	552, 509	124, 311	6, 629, 047

DELIVERIES

1934.....	4, 016, 356	1, 459, 467	532, 570	90, 657	6, 099, 050
1935.....	4, 316, 589	1, 382, 012	574, 383	88, 547	6, 361, 531
1936.....	4, 272, 591	1, 287, 847	681, 519	136, 309	6, 378, 266
1937.....	4, 460, 160	1, 157, 142	593, 656	145, 796	6, 356, 754
1938 ⁶	4, 340, 740	1, 374, 418	535, 009	85, 830	6, 335, 997

¹ Raw sugar imported for direct consumption has been converted to refined basis. Stocks include sugar in bond and in customs custody and control.

² Sugar for direct consumption only. All sugars converted to refined basis.

³ Preliminary.

⁴ Includes sales for export. The Department of Commerce reported exports of refined sugar amounting to 136,481 tons in 1934; 113,967 tons in 1935; 61,716 tons in 1936; 70,191 tons in 1937; and 61,826 tons in 1938.

⁵ Larger than actual deliveries by a small amount representing losses in transit, in reprocessing, etc.

Sugar Division. Compiled in the administration of the Jones-Costigan Act, Public Resolution, No. 109, and the Sugar Act of 1937 from reports by cane-sugar refineries, beet-sugar factories, importers of direct-consumption sugar, and continental cane-sugar mills.

TABLE 184.—*Sugar, raw (96°, centrifugal): Price per pound, Habana, Cuba, 1928-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928...	2.454	2.199	2.414	2.375	2.389	2.307	2.223	2.127	2.019	1.913	1.877	1.919	2.185
1929...	1.761	1.675	1.666	1.609	1.540	1.489	1.821	1.800	1.922	1.968	1.700	1.711	1.722
1930...	1.640	1.532	1.537	1.424	1.169	1.125	1.020	.966	.934	1.081	1.186	1.083	1.225
1931...	1.156	1.088	1.068	1.111	.992	1.107	1.284	1.199	1.188	1.186	1.135	.902	1.116
1932...	.910	.731	.559	.487	.499	.572	.841	.874	.912	.860	.797	.611	.721
1933...	.559	.553	.786	.887	.871	1.206	1.251	1.206	1.351	1.136	.927	.970	.974
1934...	1.020	1.306	1.072	.917	1.021	1.117	1.220	1.263	1.360	1.378	1.357	1.313	1.195
1935...	1.293	1.338	1.451	1.594	1.648	1.648	1.589	1.600	1.718	1.833	1.749	1.514	1.581
1936...	1.608	1.486	1.676	1.843	1.840	1.816	1.772	1.769	1.697	1.589	1.799	1.860	1.730
1937...	1.995	1.834	1.795	1.750	1.714	1.751	1.788	1.834	1.719	1.587	1.682	1.662	1.759
1938...	1.621	1.557	1.481	1.359	1.265	1.284	1.367	1.520	1.575	1.571	1.475		1.452
1939...	1.336	1.320											

Bureau of Agricultural Economics. Compiled as follows: Revista Azucarera de Cuba (formerly H. A. Himely) Habana (weekly); Santa Maria's Report of Cuban Sugar Production; Commercial Attaché Albert F. Nufer, Habana, Cuba; Facts About Sugar.

TABLE 185.—*Sugar, raw: Average wholesale price per pound, cost and freight, New York, 1929-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929...	2.034	1.963	1.937	1.870	1.814	1.752	2.101	2.047	2.213	2.241	1.950	1.993	1.993
1930...	1.940	1.819	1.824	1.671	1.442	1.397	1.267	1.175	1.135	1.284	1.406	1.288	1.471
1931...	1.367	1.309	1.280	1.288	1.180	1.316	1.493	1.462	1.411	1.410	1.349	1.136	1.333
1932...	1.125	.941	.766	.628	.588	.749	1.045	1.144	1.135	1.133	1.062	.838	.680
1933...	.717	.741	.964	1.117	1.307	1.392	1.541	1.476	1.601	1.345	1.219	1.215	1.220
1934...	1.198	1.330	1.110	.782	.781	1.316	1.665	1.743	1.977	2.001	2.040	2.053	1.500
1935...	1.895	1.992	2.133	2.336	2.381	2.425	2.349	2.394	2.599	2.719	2.522	2.225	2.331
1936...	2.371	2.446	2.644	2.850	2.822	2.847	2.800	2.781	2.652	2.474	2.742	2.904	2.694
1937...	2.456	2.664	2.589	2.557	2.496	2.510	2.574	2.652	2.494	2.270	2.418	2.329	2.543
1938...	2.314	2.249	2.143	1.961	1.825	1.786	1.884	1.888	2.082	2.186	2.139	1.969	2.036
1939...	1.881	1.865	1.931	2.022									

Bureau of Agricultural Economics. Compiled from Lamborn's Sugar Market Report, New York.

TABLE 186.—*Cane sugar, raw (96°, centrifugal): Average wholesale price per pound, New York, 1929-39*¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929...	3.8	3.7	3.7	3.7	3.6	3.5	3.8	3.8	4.0	4.0	3.8	3.8	3.8
1930...	3.7	3.7	3.6	3.6	3.2	3.2	3.3	3.2	3.1	3.3	3.4	3.3	3.4
1931...	3.4	3.3	3.3	3.3	3.2	3.3	3.5	3.5	3.4	3.4	3.4	3.2	3.3
1932...	3.1	2.9	2.8	2.6	2.6	2.8	3.0	3.2	3.1	3.2	3.0	2.9	2.9
1933...	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.5	3.6	3.3	3.2	3.2	3.2
1934...	3.2	3.3	3.1	2.8	2.8	2.9	3.2	3.3	2.9	2.9	2.9	2.9	2.9
1935...	2.8	2.9	3.0	3.3	3.3	3.3	3.3	3.3	3.5	3.6	3.5	3.1	3.2
1936...	3.3	3.4	3.6	3.8	3.7	3.7	3.7	3.7	3.6	3.4	3.6	3.8	3.6
1937...	3.9	3.6	3.5	3.5	3.4	3.4	3.5	3.5	3.4	3.2	3.3	3.2	3.5
1938...	3.2	3.2	3.1	2.9	2.7	2.7	2.8	2.8	3.0	3.1	3.0	2.9	3.0
1939...	2.9	2.8	2.8	2.9									

¹ Quotations are on basis of duty paid.

Bureau of Agricultural Economics. Compiled from Bureau of Labor Statistics reports. Data for earlier years are available in 1924 Yearbook, table 388, and 1927 Yearbook, table 309.

TABLE 187.—*Sugar, refined: Average wholesale price per pound, New York, 1929-39¹*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	5.004	4.886	4.790	4.802	4.859	4.863	5.145	5.390	5.301	5.369	5.038	4.943	5.032
1930.....	4.868	4.851	4.868	4.782	4.739	4.475	4.606	4.368	4.342	4.406	4.608	4.572	4.624
1931.....	4.578	4.463	4.321	4.386	4.292	4.379	4.582	4.620	4.457	4.489	4.419	4.179	4.430
1932.....	4.081	4.067	3.983	3.809	3.678	3.726	3.945	4.090	4.165	4.122	4.152	4.067	3.990
1933.....	3.861	3.822	4.007	4.214	4.410	4.486	4.567	4.606	4.572	4.508	4.435	4.304	4.316
1934.....	4.214	4.339	4.410	4.324	4.101	4.043	4.120	4.120	4.120	4.026	3.912	3.750	4.123
1935.....	3.679	3.677	3.762	4.336	4.610	4.610	4.516	4.463	4.522	4.659	4.625	4.338	4.316
1936.....	4.607	4.557	4.646	4.900	4.900	4.900	4.730	4.627	4.609	4.489	4.621	4.704	4.691
1937.....	4.892	4.900	4.704	4.704	4.671	4.546	4.606	4.606	4.460	4.262	4.141	4.120	4.551
1938.....	4.120	4.120	4.027	3.955	4.022	3.880	3.811	3.679	3.931	4.012	3.924	3.867	3.946
1939.....	3.714	3.679	3.770	3.807	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Excluding the processing tax, which was in effect from June 1934 to January 1936, and the excise tax beginning Sept. 1, 1937, to date.

Bureau of Agricultural Economics. Compiled from Lamborn's Sugar Market Report, New York.

TABLE 188.—*Sugar, granulated: Average retail price per pound, United States, 1929-39¹*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	6.7	6.6	6.5	6.4	6.4	6.4	6.4	6.6	6.7	6.7	6.7	6.6	6.6
1930.....	6.6	6.5	6.4	6.3	6.3	6.1	6.1	6.1	5.9	5.8	5.9	5.9	6.2
1931.....	5.9	5.9	5.8	5.7	5.6	5.6	5.6	5.7	5.7	5.6	5.6	5.5	5.7
1932.....	5.4	5.3	5.2	5.1	4.9	4.9	5.0	5.1	5.1	5.1	5.1	5.1	5.1
1933.....	5.1	5.0	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.7	5.6	5.5	5.4
1934.....	5.4	5.6	5.4	5.5	5.4	5.4	5.7	5.7	5.7	5.7	5.6	5.5	5.6
1935.....	5.4	5.4	5.4	5.5	5.7	5.7	5.8	5.8	5.8	5.8	5.9	5.8	5.7
1936.....	5.7	5.6	5.5	5.5	5.6	5.6	5.7	5.7	5.6	5.6	5.5	5.5	5.6
1937.....	5.6	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.7	5.8	5.6	5.6	5.6
1938.....	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.2	5.2	5.2	5.3
1939.....	5.2	5.1	5.1	5.1	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Data are averages of prices as reported by retail dealers as of the 15th of month in 51 of the larger cities of the United States. August 1933-June 1936 prices are reported twice during the month; those shown are nearest the 15th.

Bureau of Agricultural Economics. Compiled from Bureau of Labor Statistics retail prices. Data for earlier years in 1930 Yearbook, table 162.

TABLE 189.—*Sugar: International trade, averages 1925-34, annual 1936 and 1937*

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Cuba.....	5,032,658	625	2,911,526	23	2,869,764	26	3,010,621	
Netherlands India.....	2,380,782	3,634	1,672,683	2,582	974,489	1,900	1,254,050	2,189
Czechoslovakia.....	792,566		381,607	730	211,185	0	285,993	5
Philippine Islands.....	612,200	2,398	1,046,077	803	991,892	187	900,153	136
Dominican Republic.....	333,915	196	383,422	4	479,288	5	473,641	0
Peru.....	332,668	106	369,999	195	359,534	514	344,541	464
Poland.....	253,202	2,291	251,286	5,706	68,167	34	57,490	31
Mauritius.....	242,190	3	214,838	43	307,756	0		
Australia.....	179,533	911	333,787	4,274	451,425	132	481,430	33
Germany.....	174,357	92,758	165,659	19,224	19,695	11,362	1,883	9,848
Belgium.....	152,164	77,890	95,714	92,160	134,253	156,449	86,169	146,612
British Guyana.....	113,607	447	140,662	80	197,683	60	203,357	73
Union of Soviet Socialist Republics.....	105,024	57,858	128,940	81,635	179,507	342	147,734	198
Fiji.....	92,636	171	113,773	191	157,708	226	145,256	212
Hungary.....	90,488	417	52,512	194	18,091	17	26,897	33
Union of South Africa.....	82,951	10,307	172,725	3,604	152,083	1,334	247,349	1,404
Trinidad and Tobago.....	72,530	1,564	99,272	237	187,040	121	159,878	20
Barbados.....	61,524	517	73,036	358	105,504	231	112,898	143
Reunion.....	54,035	26	60,779	1	77,877	0		
Jamaica.....	49,676	1,081	52,119	123	87,136	33	107,265	122
Mozambique.....	37,906	93	80,175	40	69,155	14	81,027	19
Brazil.....	25,076	20	40,877	3	99,399	0	343	0
Argentina.....	23,426	17,264	3,216	2,102	5,436	651	1,385	30
Taiwan.....	13,346	18,109	14,453	25	25,699	0	24,284	0
Nicaragua.....	8,529	408	3,674	266	2,904	3	2,684	3
Madagascar.....	3,897	3,768	6,782	3,109	9,324	1,033	10,449	1,964
Total.....	11,341,125	299,390	8,869,593	218,702	8,242,294	174,692	8,226,786	163,421
PRINCIPAL IMPORTING COUNTRIES								
United States.....	167,360	4,428,566	73,260	3,102,806	61,716	2,969,297	70,191	3,197,898
United Kingdom.....	105,263	2,135,293	300,079	2,266,067	394,944	2,513,187	364,574	2,532,224
British India.....	40,084	904,568	40,259	555,898	36,994	42,202	39,487	18,740
China.....	2,072	823,225	182	495,504	30	175,049	29	173,461
Manchuria.....	(4)	(4)	19	113,029	0	246,465	61	186,541
Canada.....	89,914	524,446	0,250	441,572	6,012	620,511	3,006	464,957
France.....	251,691	460,753	309,839	435,730	244,852	355,700	221,600	426,795
Japan.....	204,103	414,134	162,154	158,699	209,660	238,199	178,041	188,173
Netherlands.....	284,204	316,951	62,874	142,195	53,675	162,698	76,379	173,636
Switzerland.....	284,204	148,736	800	177,673	1,075	149,735	887	160,014
Chile.....	133	136,205	55	119,201	13	138,215		138,846
British Malaya.....	31,068	125,180	14,954	112,806	10,020	143,968	21,869	152,691
Morocco.....	0	121,576	469	155,696	8,635	185,696	12,820	197,731
Austria.....	663	114,983	292	33,273	11	760	29	730
Sweden.....	18	110,608	156	61,097	281	5,064	252	7,148
Ireland.....	0	92,060	0	91,178	0	30,372	0	21,110
Finland.....	0	87,238	0	85,204	0	118,794	0	95,679
Portugal.....	102	86,255	13	71,945	11	74,568	0	74,485
Iran.....	99	82,505	71	55,529	0	66,064	0	90,247
New Zealand.....	739	81,102	1,069	85,731	1,427	92,404		103,679
Norway.....	0	79,493	0	88,164	0	90,916	0	100,212
Egypt.....	9,341	79,282	22,221	30,210	50,507	41,732	85,807	36,322
Italy.....	4,778	66,744	11,125	14,751	20,322	10,496	21,112	10,725
Greece.....	6	64,751	0	66,972	0	77,946	0	82,796
Algeria.....	151	63,315	80	80,289	4	83,502	0	90,394
Ceylon.....	1	61,046	0	72,791	1	85,114	0	85,346
Siam.....	1,648	46,472	53	45,279	15	48,959		
Uruguay.....	0	43,221	0	47,777	0	48,094	0	48,336
Latvia.....	20	41,655	451	32,965	1,918	2	294	1
Denmark.....	3,148	29,841	3,459	32,396	15,765	822	26,946	793
Tunisia.....	0	29,742	0	38,252	0	31,808	0	35,980
Lithuania.....	25	25,731	190	19,319	0	3,599	0	456
Anglo-Egyptian Sudan.....	0	23,812	0	21,512	0	31,894	0	36,632
Yugoslavia.....	4,664	6,218	1,772	985	1	65	1	161
Gold Coast.....	0	5,584	0	4,456	0	5,890		
Total.....	1,201,359	11,601,311	1,024,169	9,359,940	1,126,809	8,790,305	1,145,384	8,932,879
Grand total.....	12,542,484	12,154,701	9,893,762	9,578,642	9,369,103	8,964,997	9,372,190	9,096,300

¹ Preliminary. ² International Yearbook of Agricultural Statistics.³ Includes imports from Virgin Islands of the United States through 1935, Philippine Islands all years, but does not include shipments from Hawaii and Puerto Rico.⁴ Not shown prior to 1932; included with data for China. ⁵ 3-year average.⁶ The 1925-29 average is for the years beginning Mar. 22, 1925; annual figures are for years ended June 21.⁷ Years ended June 21, 1931 to date. ⁸ Year beginning April.⁹ The export total excludes figures for Mauritius and Reunion and minor quantities; the import total excludes figures for Siam and Gold Coast and minor quantities not yet available.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. The following kinds and grades have been included under the head of sugar: Brown, white, candied, caramel, chancana (Peru), crystal cube, maple, muscovado, panela. The following have been excluded: "Candy" (meaning confectionery), confectionery, glucose, grape sugar, jaggery, molasses, and sirups.

TABLE 190.—*Sugarcane sirup: Acreage, production, December 1 price per gallon received by farmers, and value, United States, 1919-38*

Year	Acreage harvested for sirup	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Average yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1919.....	159	145.4	23,117	-----	-----	1929.....	109	180.8	19,711	73.2	14,420
1920.....	139	166.0	23,079	-----	-----	1930.....	111	157.0	17,432	57.9	10,092
1921.....	133	152.6	23,349	-----	-----	1931.....	108	140.4	15,160	50.6	7,667
1922.....	147	154.5	22,715	-----	-----	1932.....	123	149.3	18,359	40.1	7,361
1923.....	138	140.1	19,340	-----	-----	1933.....	146	150.6	21,993	46.2	10,164
1924.....	123	140.9	17,327	101.8	17,644	1934.....	157	163.1	25,609	45.5	11,656
1925.....	107	146.6	15,686	92.3	14,484	1935.....	156	166.6	25,982	41.9	10,878
1926.....	115	145.8	16,766	78.1	13,086	1936.....	141	160.8	22,676	43.4	9,844
1927.....	102	166.9	17,022	78.7	13,402	1937.....	146	172.2	25,135	43.7	10,993
1928.....	105	174.7	18,339	75.8	13,904	1938 ¹	137	162.2	22,221	43.8	9,728

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 191.—*Sugarcane sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price	
	Average, 1927-36	1937	1938 ¹	Average, 1927-36	1937	1938 ¹	Average, 1927-36	1937	1938 ¹	1937	1938
	1,000 acres	1,000 acres	1,000 acres	Gallons	Gallons	Gallons	1,000 gallons	1,000 gallons	1,000 gallons	Cents	Cents
South Carolina.....	5	4	4	99	105	95	514	420	380	65	65
Georgia.....	32	35	33	143	155	133	4,575	5,425	4,389	44	47
Florida.....	11	13	11	168	144	190	1,848	1,872	2,090	40	45
Alabama.....	23	29	25	119	130	100	2,722	3,770	2,500	46	50
Mississippi.....	22	29	27	154	155	166	3,478	4,495	4,482	46	44
Arkansas.....	1	1	1	99	175	110	110	175	110	68	80
Louisiana.....	23	29	29	255	283	255	5,843	8,210	7,395	139	136
Texas.....	9	6	7	128	128	125	1,139	768	875	60	60
United States.....	126	146	137	161.0	172.2	162.2	20,228	25,135	22,221	43.7	43.8

¹ Preliminary.² Season average price.

Bureau of Agricultural Economics.

TABLE 192.—*Sorgo sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1919-38*

Year	Acreage harvested for sirup	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Average yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1919.....	465	66.8	30,960	108.7	33,648	1929.....	151	62.1	9,380	89.6	8,406
1920.....	457	72.0	32,895	106.7	35,104	1930.....	166	53.5	8,878	78.6	6,978
1921.....	400	72.0	28,799	60.8	17,496	1931.....	264	67.8	17,888	42.8	7,552
1922.....	292	64.6	18,853	70.0	13,107	1932.....	257	60.4	15,512	37.8	5,861
1923.....	231	63.9	14,763	83.3	12,299	1933.....	257	61.8	15,870	47.9	7,601
1924.....	224	54.2	12,133	93.8	11,382	1934.....	241	60.3	14,525	50.6	7,354
1925.....	200	53.5	10,706	63.1	9,963	1935.....	231	57.8	13,350	54.9	7,330
1926.....	203	78.3	14,877	83.2	12,372	1936.....	215	55.3	11,893	56.8	6,759
1927.....	179	87.3	12,048	83.7	10,086	1937.....	188	61.7	11,615	56.3	6,711
1928.....	165	64.7	10,676	90.3	9,638	1938 ¹	190	60.4	11,467	55.6	6,373

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 193.—*Sorgo sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938
	1,000 acres	1,000 acres	1,000 acres	Gallons	Gallons	Gallons	1,000 gallons	1,000 gallons	1,000 gallons	Cents	Cents
Indiana.....	2	3	3	64	65	63	152	195	189	80	80
Illinois.....	2	2	2	60	74	66	127	148	132	80	80
Iowa.....	2	3	3	85	110	120	198	330	360	75	75
Missouri.....	13	12	10	49	46	58	629	552	680	75	75
Kansas.....	2	2	2	46	50	42	113	100	84	75	65
Virginia.....	3	3	2	62	70	75	199	210	160	70	70
North Carolina.....	21	16	14	70	70	70	1,440	1,120	980	65	65
South Carolina.....	8	6	6	54	46	52	408	276	312	55	55
Georgia.....	15	14	16	66	66	61	1,006	924	976	55	55
Kentucky.....	14	13	11	55	60	63	754	780	693	65	60
Tennessee.....	21	16	15	54	57	58	1,144	912	870	60	60
Alabama.....	38	28	33	69	70	67	2,651	1,960	2,211	46	47
Mississippi.....	22	18	18	77	74	70	1,666	1,352	1,260	45	43
Arkansas.....	20	22	20	51	55	47	1,011	1,276	940	55	55
Oklahoma.....	4	2	2	38	42	40	190	84	80	60	55
Texas.....	25	33	33	53	52	50	1,316	1,716	1,650	50	50
United States.....	213	193	190	61.1	61.7	60.4	13,002	11,915	11,467	56.3	55.6

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 194.—*Maple sugar and sirup: Production and season average price received by farmers, United States, 1917-38*

Year	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar ¹	Average total product per tree		Price per pound of sugar	Price per gallon of sirup
					As sugar ¹	As sirup ¹		
	1,000 trees	1,000 pounds	1,000 gallons	1,000 pounds	Pounds	Gallons	Cents	Dollars
1917.....	17,313	10,525	4,258	44,889	2.58	0.32	-----	-----
1918.....	19,132	12,944	4,863	51,848	2.71	.34	-----	-----
1919.....	16,639	9,541	3,262	35,637	2.14	.27	-----	-----
1920.....	10,672	6,928	3,131	31,976	1.92	.24	-----	-----
1921.....	14,160	4,699	2,149	21,891	1.55	.19	-----	-----
1922.....	15,198	5,227	3,370	32,187	2.12	.26	-----	-----
1923.....	14,178	4,656	3,262	30,752	2.17	.27	-----	-----
1924.....	14,193	4,096	3,574	32,688	2.30	.29	26.0	2.00
1925.....	14,070	3,238	2,817	25,774	1.83	.23	26.9	2.08
1926.....	13,948	3,583	3,604	31,617	2.27	.28	29.3	2.12
1927.....	13,751	3,183	3,429	30,615	2.23	.28	28.7	2.05
1928.....	13,489	2,189	2,782	24,445	1.81	.23	28.6	2.02
1929.....	12,858	1,362	2,361	20,250	1.58	.20	30.0	2.03
1930.....	13,662	2,370	3,641	31,498	2.41	.30	30.1	2.03
1931.....	12,138	1,646	2,213	19,350	1.59	.29	25.7	1.72
1932.....	12,091	1,623	2,412	20,919	1.73	.22	24.5	1.51
1933.....	12,076	1,288	2,186	18,776	1.56	.19	20.8	1.18
1934.....	12,188	1,271	2,395	20,431	1.68	.21	24.7	1.33
1935.....	12,496	1,704	3,377	28,720	2.30	.29	26.5	1.42
1936.....	11,854	985	2,403	20,209	1.70	.21	26.7	1.44
1937.....	11,677	1,047	2,508	21,111	1.81	.23	29.0	1.60
1938 ¹	11,672	1,078	2,772	23,254	1.99	.25	28.3	1.61

¹ 1 gallon of sirup taken as equivalent to 8 pounds of sugar.² Preliminary.

Bureau of Agricultural Economics.

TABLE 195.—Maple sugar and sirup: Production, by States, average 1927-36, annual 1937 and 1938

State	Trees tapped			Sugar made			Sirup made		
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹
	1,000 trees	1,000 trees	1,000 trees	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	257	268	273	16	20	6	35	36	47
New Hampshire.....	395	364	368	107	58	72	74	61	83
Vermont.....	5,490	5,331	5,438	911	476	627	1,050	940	1,485
Massachusetts.....	253	224	224	82	93	32	58	64	52
New York.....	3,406	3,051	2,959	423	291	260	772	643	588
Pennsylvania.....	736	518	502	116	62	43	196	155	95
Ohio.....	1,247	1,180	1,180	34	12	9	338	401	283
Michigan.....	481	403	379	39	16	16	109	99	64
Wisconsin.....	272	280	291	10	7	3	65	73	49
Maryland.....	60	58	58	24	12	10	22	36	26
United States.....	12,597	11,677	11,672	1,762	1,047	1,078	2,720	2,508	2,772

¹ Preliminary.² Does not include the following quantities produced on non-farm lands in Somerset County: 15,405 pounds of sugar and 40,281 gallons of sirup in 1937 and 45,000 gallons of sirup in 1938.

Bureau of Agricultural Economics.

TABLE 196.—Honey: Monthly average price in specified locations, 1931-38

EXTRACTED HONEY, PER POUND

Flavor, location, and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
California White to Water White Orange: F. o. b. southern California delivery points: ¹	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1931.....	7½	7½	7½	6½	6½	6½	6½	6½	6½	6½	6½	6½
1932.....	6	6	5½	4½	4½	4½	4½	4½	4½	5½	5½	5½
1933.....	6½	6½	6½	6½	5½	5	4½	5½	5½	5½	5½	5½
1934.....	5½	4½	5	4½	4½	5½	5½	5½	5½	6	6½	6½
1935.....	6½	6½	6½	6	5½	4½	4½	5½	5½	5½	6	6½
1936.....	6½	6½	6½	6	5½	5½	5½	5½	6½	6½	6½	6½
1937.....	6½	6½	6½	6½	5½	5½	5½	5½	6½	6½	6½	6
1938.....	6	5½	6½	5½	5½	5½	5½	5½	5½	5½	5½	4½
New York City: ¹												
1931.....	11½	11½	11½	11	11	10½	10½	10½	11	11	10½	10½
1932.....	9½	9½	9½	9½	9½	9½	9½	8½	8½	8½	9	8½
1933.....	9½	9½	9½	8½	8½	8½	8½	8½	8½	8½	8½	8½
1934.....	8½	8½	8½	8½	8½	8½	9½	8½	8½	9	8½	8½
1935.....	9	9	9	8½	8½	8½	8½	8½	8½	8½	8½	9
1936.....	9½	9½	9½	9½	9½	9½	9½	9½	9½	9½	9½	9½
1937.....	9½	9½	9½	9½	9½	9½	9½	9½	9½	9½	9½	9½
1938.....	9½	9	8½	8½	8½	8½	8½	8½	8½	8½	8½	8½
Intermountain White to Water White Sweet- clover and Alfalfa: F. o. b. Intermountain points: ¹												
1931.....	5½	5½	5½	5½	4½	4½	5½	5½	5½	5	5½	4½
1932.....	5	5	4½	4½	5	4½	5½	5½	5½	5	5½	3½
1933.....	3½	3½	3½	3½	3½	3½	4	4½	4½	4½	4½	4½
1934.....	4½	4½	4½	5	5	5½	5	5½	5½	5½	5½	5½
1935.....	5½	6	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½
1936.....	6	6½	5½	6½	6	6½	6	5½	6	5½	6½	6½
1937.....	6½	6½	6	5½	5½	5½	5½	5½	6	5½	6½	6
1938.....	6	6	6½	6½	6½	6½	5½	5½	5½	5½	5	4½
White Clover: F. o. b. New York and North Central States: ¹												
1931.....	7½	6½	6½	6½	6½	6½	6½	6½	6½	7	6½	6½
1932.....	6½	6½	6½	5½	5½	6	5½	5½	5½	5½	5	4½
1933.....	5	5	4½	5	5	5	5	5½	6	6½	6½	6
1934.....	6½	6½	6½	6½	6½	6½	6½	7	6½	6½	6½	6½
1935.....	6½	6½	6½	6½	6½	6½	6½	6½	6½	6½	6½	6½
1936.....	6½	7½	7½	7½	7	7	7	7	7	7	7½	7½
1937.....	7½	7½	7	7½	7½	7	7	7	7½	7½	7½	7½
1938.....	7½	7½	7½	7½	7½	7½	7½	7½	7½	7½	7½	5½

See footnotes at end of table.

TABLE 196.—Honey: Monthly average price in specified locations, 1931–38—Con.

Flavor, location, and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Northeastern Buckwheat: F. o. b. New York and Pennsylvania points: ¹	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1931	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½
1932	5½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½	4½
1933	3½	4	3½	3½	3½	4½	3½	3½	3½	3½	3½	3½
1934	4½	5½	5½	5½	5	5	5	5½	5½	5½	5½	5½
1935	5½	6	5½	5½	6½	6	6	6½	6½	6½	6½	6½
1936	6½	6½	6½	6½	6½	6	6	7½	7½	7	6½	6½
1937	7	7	6½	6½	6½	5½	5½	7½	7½	7	6½	6½
1938	6½	5½	5½	5½	5½	5	5½	5	5	4½	4½	4½

COMB HONEY, 24-SECTION CASES

White Clover comb, No. 1 and Fancy wrapped: F. o. b. New York and North Central States: ¹	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1931	3.80	3.75	3.60	3.40	3.25	3.50	3.50	3.60	3.75	3.50	3.50	3.40
1932	3.30	3.25	3.35	3.25	3.30	3.35	3.50	3.15	2.85	2.65	2.70	2.60
1933	2.40	2.40	2.30	2.50	2.40	2.50	2.40	2.65	3.00	3.00	3.00	2.90
1934	2.80	2.80	3.00	3.10	3.10	3.25	3.15	3.20	3.00	3.00	3.00	3.30
1935	3.20	3.15	3.10	3.25	3.20	3.30	3.10	3.15	3.15	3.20	3.15	3.10
1936	3.20	3.30	3.40	3.30	3.60	3.60	3.60	3.60	3.55	3.40	3.40	3.50
1937	3.50	3.60	3.50	3.50	3.70	3.60	3.70	3.60	3.80	3.80	3.70	3.75
1938	3.70	3.60	3.60	3.50	3.50	3.40	3.25	3.15	3.15	3.00	3.10	3.05

¹ Price to beekeepers or other shippers in large lots, mostly less than carlots.² Sales by original receivers to bottlers, confectioners, bakers, and jobbers.³ Price to beekeepers and other shippers, mostly in carlots.⁴ Price to beekeepers in large lots, mostly less than carlots.

Bureau of Agricultural Economics. Compiled from the semimonthly honey market news reports issued by the Bureau. Extracted honey is usually sold in eighth fractions of a cent per pound; more rarely, in decimal fractions.

TABLE 197.—Tobacco: Acreage, production, value, and foreign trade, United States, 1866–1938

Year	Acreage harvested	Average yield per acre	Production	Season average price per pound received by farmers ¹	Farm value	Foreign trade, year beginning July ¹		
						Domestic exports	Imports	Net exports ²
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds
1866	394,000	803.3	316,495	11.6	36,829	184,903	3,127	182,486
1867	370,000	703.2	260,195	11.6	30,176	206,021	4,393	203,020
1868	369,000	774.5	285,795	12.2	34,940	181,528	5,982	176,163
1869			862,755					
1869	395,000	668.4	264,000	10.9	28,755	188,749	6,287	180,015
1870	424,000	813.5	345,045	9.7	33,557	215,668	8,395	207,944
1871	420,000	777.4	328,520	10.2	33,183	234,937	9,562	226,176
1872	492,000	782.1	384,790	10.7	41,204	213,995	11,023	204,051
1873	513,000	745.5	382,430	8.6	33,039	318,098	9,690	309,842
1874	378,000	575.0	217,340	13.7	29,746	223,902	6,769	218,003
1875	746,000	817.0	609,455	7.7	46,859	218,310	7,383	211,670
1876	625,000	745.7	466,060	7.3	33,939	282,386	7,552	275,100
1877	789,000	786.8	620,770	5.4	33,550	283,973	7,981	276,401
1878	651,000	699.5	455,395	5.8	26,237	322,280	6,593	316,058
1879	683,847	732.9	476,661					
1879	633,000	745.9	472,155	6.1	28,595	215,910	9,759	207,034
1880	650,000	722.1	469,395	8.1	38,098	227,027	7,469	220,262
1881	698,000	610.2	425,905	9.6	40,857	223,666	11,890	212,563
1882	744,000	778.2	578,970	8.5	49,048	235,628	14,893	221,639
1883	750,000	679.1	509,325	8.8	46,007	207,163	12,935	195,026
1884	754,000	768.9	579,785	8.1	46,996	230,484	12,924	218,724
1885	815,000	749.1	610,530	7.5	46,042	292,774	15,696	278,373
1886	848,000	717.6	608,515	7.2	43,865	304,920	17,519	288,570

See footnotes at end of table.

TABLE 197.—Tobacco: Acreage, production, value, and foreign trade, United States, 1866-1933—Continued

Year	Acreage harvested	Average yield per acre	Production	Season average price per pound received by farmers ¹	Farm value	Foreign trade, year beginning July ¹		
						Domes- tic ex- ports	Imports	Net ex- ports ²
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1887	722,000	649.2	468,730	10.5	49,235	282,683	18,600	245,661
1888	891,000	741.6	660,790	7.9	52,304	223,759	20,107	205,229
1889	685,801	708.5	483,257	8.6	54,672	285,647	28,721	228,724
1890	758,000	692.0	524,550	8.0	51,528	249,233	23,255	227,254
1891	851,000	760.9	647,535	8.2	61,438	255,432	21,989	234,687
1892	1,039,000	728.4	756,845	8.9	67,284	266,083	28,110	239,153
1893	1,096,000	699.5	766,670	7.9	60,480	260,685	19,663	272,983
1894	993,000	722.3	766,870	6.6	50,927	300,992	26,668	276,223
1895	1,006,000	740.6	745,000	6.8	50,700	295,539	32,925	266,317
1896	1,058,000	732.2	760,035	5.5	41,921	314,932	13,805	302,847
1897	978,000	719.1	703,275	7.4	52,153	283,020	10,477	284,807
1898	1,116,000	814.6	909,090	6.1	55,664	283,613	14,036	271,559
1899	1,101,480	788.1	868,113					
1899	1,102,000	789.7	870,250	7.1	62,156	344,656	19,620	326,939
1900	1,086,000	784.5	861,980	6.7	57,215	315,788	26,851	290,915
1901	1,098,000	806.5	885,550	7.2	63,989	301,007	29,429	273,770
1902	1,189,000	807.0	959,505	6.9	65,804	368,184	34,017	337,902
1903	1,212,000	805.6	976,375	6.7	65,726	311,972	31,163	286,335
1904	1,026,000	834.9	856,595	7.8	66,533	334,302	33,288	304,694
1905	1,103,000	851.2	938,865	8.2	76,539	312,227	41,126	273,912
1906	1,123,000	866.0	972,510	9.6	92,878	340,743	40,899	302,506
1907	1,042,000	849.9	885,620	10.6	88,143	330,813	35,005	297,657
1908	1,009,000	828.2	835,645	10.2	84,844	287,901	43,123	247,155
1909	1,894,911	818.3	1,055,765					
1909	1,292,000	815.6	1,053,818	10.1	106,384	357,196	46,838	313,085
1910	1,398,000	817.1	1,142,320	9.3	105,900	355,327	48,203	309,171
1911	1,133,000	830.5	940,935	9.3	87,888	379,845	54,740	327,199
1912	1,335,000	837.0	1,117,415	10.7	119,786	418,707	67,977	353,573
1913	1,284,000	772.3	991,605	12.8	126,761	449,750	61,175	391,196
1914	1,258,000	824.1	1,036,745	9.7	100,979	348,346	45,809	306,426
1915	1,419,000	815.7	1,157,425	9.0	104,455	443,293	48,078	400,624
1916	1,483,000	813.7	1,206,785	14.8	178,511	411,599	49,105	370,987
1917	1,616,000	820.3	1,325,530	24.0	318,346	289,171	86,991	211,962
1918	1,720,000	839.8	1,444,505	27.9	402,960	629,288	83,951	577,323
1919	1,861,480	786.8	1,371,504					
1919	1,958,500	737.4	1,444,206	31.2	451,054	648,038	94,005	570,858
1920	1,934,800	780.0	1,509,212	17.3	260,350	506,526	58,923	456,477
1921	1,339,800	750.2	1,004,928	19.5	106,113	463,389	65,225	403,492
1922	1,616,200	776.1	1,254,304	22.8	286,417	454,364	75,786	384,223
1923	1,855,000	818.1	1,517,583	19.0	288,102	597,630	54,497	548,287
1924	1,637,815	719.4	1,106,340					
1924	1,702,300	731.3	1,244,928	19.0	236,937	430,702	76,870	355,739
1925	1,750,700	786.0	1,376,008	16.8	230,642	537,240	69,974	468,988
1926	1,628,400	791.7	1,289,272	17.9	231,208	516,402	92,983	424,651
1927	1,535,900	778.5	1,211,311	20.7	250,462	489,996	81,045	411,366
1928	1,864,400	736.5	1,373,214	20.0	274,136	565,925	79,284	489,149
1929	1,883,865	771.5	1,456,510					
1929	1,960,000	774.1	1,532,625	18.3	280,976	600,181	63,181	541,312
1930	2,124,300	775.9	1,648,229	12.8	210,860	501,035	75,425	517,398
1931	1,967,200	787.3	1,564,487	8.2	128,554	432,361	73,375	359,374
1932	1,408,800	724.7	1,017,317	10.5	107,297	399,967	59,545	341,455
1933	1,738,400	788.7	1,371,131	13.0	178,849	472,630	55,784	416,846
1934	1,537,117	825.7	1,067,419					
1934	1,778,500	846.0	1,081,629	21.3	224,699	374,658	58,270	316,388
1935	1,437,100	902.6	1,297,155	18.4	238,382	432,668	67,895	364,773
1936	1,438,300	803.3	1,155,328	23.6	272,895	416,844	69,309	347,575
1937	1,750,600	892.8	1,562,886	20.4	319,465	450,545	68,409	391,406
1938 ³	1,602,800	860.1	1,378,534	19.7	270,449			

¹ Prior to 1919 prices are as of Dec. 1.² Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-28; January and June issues, 1927-38; and official records of the Bureau of Foreign and Domestic Commerce.³ Total exports (domestic plus foreign) minus imports. Beginning 1933 domestic exports minus imports for consumption.⁴ Beginning 1933, imports for consumption.⁵ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 198.—*Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>
Massachusetts.....	6,460	5,900	6,000	1,415	1,400	1,131	9,024	8,262	8,786	26.6	24.2
Connecticut.....	18,600	17,200	16,700	1,373	1,293	971	25,196	22,240	16,223	34.0	36.0
New York.....	910	900	1,200	1,207	1,275	1,400	1,054	1,148	1,680	9.9	10.3
Pennsylvania.....	32,180	23,700	24,200	1,241	1,223	1,327	39,749	28,990	32,110	10.4	13.6
Ohio.....	37,160	30,900	27,300	877	925	875	32,502	28,587	23,885	13.5	13.4
Indiana.....	12,640	13,600	11,600	788	860	826	10,017	11,690	9,583	18.7	17.1
Wisconsin.....	26,170	18,400	24,700	1,287	1,364	1,324	33,905	25,102	32,710	11.3	7.5
Minnesota.....	950	400	700	1,125	1,150	1,100	1,107	460	770	11.0	7.0
Missouri.....	5,460	6,000	6,500	913	925	950	5,003	5,550	6,175	24.0	18.1
Kansas.....	3,320	200	500	805	850	950	2,588	170	475	21.0	19.0
Maryland.....	3,544	35,000	37,500	721	650	780	25,560	22,750	29,250	17.2	20.0
Virginia.....	144,990	148,000	135,400	698	757	730	99,838	111,969	98,906	19.1	19.4
West Virginia.....	4,790	4,900	3,200	683	725	690	3,304	3,552	2,208	16.6	18.0
North Carolina.....	641,630	684,000	611,700	753	884	845	481,939	604,590	516,850	24.0	22.6
South Carolina.....	101,400	112,000	104,000	761	965	950	76,724	108,080	98,800	20.8	22.2
Georgia.....	78,720	80,600	88,200	800	931	1,031	65,192	75,013	90,950	20.0	20.7
Florida.....	8,770	19,600	19,500	850	856	1,009	7,534	16,786	19,684	26.1	26.8
Kentucky.....	399,670	411,500	366,500	761	887	797	305,175	364,945	292,175	17.6	17.0
Tennessee.....	124,520	137,500	116,900	827	893	846	103,214	122,757	98,905	15.7	14.1
Alabama.....	.....	300	500	.....	817	818	.....	245	409	19.2	19.1
United States.....	1,680,790	1,750,600	1,602,800	791.8	892.8	860.1	1,325,243	1,562,886	1,378,534	20.4	19.7

¹ Preliminary.² Including loss after harvest as a result of hurricane and flood estimated as follows: Massachusetts, 1,258,000 pounds, and Connecticut, 4,697,000 pounds. Prices apply only to the marketable portion of the crop.³ Short-time average.

Bureau of Agricultural Economics. For additional data see Statistical Bulletins Nos. 58, 63, and 67 (Tobacco Statistics).

TABLE 199.—Tobacco: Acreage, yield per acre, and production in specified countries, averages 1925-34, annual 1935-38¹

Country	Acreage					Yield per acre ²					Production				
	Year beginning July :					Year beginning July :					Year beginning July :				
	Aver- age 1925-34	1935	1936	1937	1938 ⁴	Aver- age 1925-34	1935	1936	1937	1938 ⁴	Average 1925-34	1935	1936	1937	1938 ⁴
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Lbs. 100- bushels	Lbs. 100- bushels	Lbs. 100- bushels	Lbs. 100- bushels	Lbs. 100- bushels	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
NORTH AMERICA, CENTRAL AMERICA, AND WEST IN- DIES															
Canada.....	1,756	1,706	1,437	1,438	1,751	1,033	773	783	903	803	1,586	1,383	1,559	1,297	1,555
United States.....	1,411	1,333	40	37	122	112	580	722	777	754	23,787	24,112	30,381	28,017	25,353
Mexico.....	150	120	115	109	122	112	399	417	369	387	56,447	42,446	42,073	55,308	55,232
Cuba.....	40	34	44	50	63	63	443	661	637	593	34,481	29,000	34,983	28,415	13,228
Dominican Republic.....	53										34,700	21,517		44,069	
Puerto Rico.....															
EUROPE															
Sweden.....	1	1	1	1	1	1	1,835	1,736	1,936		1,427	1,287	1,365		
Belgium.....	7	7	8	7	6	5	2,046	2,100	2,115	1,803	15,334	14,777	17,078	13,364	10,529
Germany.....	21	27	31	32	33	33	2,056	2,231	2,387	2,300	44,111	74,946	72,500	72,250	73,855
Poland.....	7	12	13	15	17	20	1,324	1,334	1,839	1,631	10,133	24,620	23,733	30,027	32,203
Union of Soviet Socialist Re- publics.....	213	459	487	501	491	491	1,627	742	1,095	1,215	345,981	533,500	608,478	492,777	
France.....	39	41	45	46	45	45	1,574	1,720	1,841	1,715	60,677	83,460	80,429	77,161	
Switzerland.....	1	1	1	1	1	1	1,485	1,266	1,277	1,297	16,373	20,388	1,123	30,394	2,304
Czechoslovakia.....	11	21	21	24	22	22	1,148	1,266	1,277	1,297	16,373	20,388	1,123	30,394	
Yugoslavia.....	82	83	38	37	36	33	1,115	1,259	1,254	1,378	57,566	67,145	47,289	44,974	43,854
Rumania.....	79	40	44	45	35	37	1,115	1,259	1,254	1,378	57,566	67,145	47,289	44,974	
Spain.....	5	10	10	11			806	1,551	1,547		4,708	28,737	33,318	22,635	27,560
Italy.....	96	97	82	79	81	81	952	1,097	1,240	1,176	10,218	10,941	15,541	92,068	94,631
Albania.....	3	4	5	5	5	5	848	778	716	601	2,473	3,369	3,543	3,307	
Yugoslavia.....	33	37	30	44	51	37	716	711	672	832	23,488	26,141	20,389	36,649	40,234
Bulgaria.....	83	67	83	101	77	77	734	733	731	876	60,579	62,058	63,697	69,034	68,010
Greece.....	221	195	198	273	236	263	623	536	512	633	137,963	103,615	101,549	151,617	101,756
ASIA															
Turkey.....	196	124	133	210	243	182	734	683	596	779	114,531	84,740	163,253	101,778	134,906
Cyprus.....	7	1	2	1	(¹)		631	621	396	503	314	79,596	305	75	
Syria and Lebanon.....	7	14	7	17	15		669	534	595	689	4,942	4,409	11,925	11,418	
Palestine.....	3	4	5	7	14	14	536	423	365	399	1,461	1,528	2,727	5,227	
Iran.....	29	29			25		1,230	1,230	1,230	1,405	35,000			35,126	
China.....	13	13	13	13	13	13	1,082	1,082	1,082	1,082	13,883	13,883	13,883	13,883	13,883
India.....	10	10	10	10	10	10	1,026	1,026	1,026	1,026	13,375,513	1,392,866	1,392,866	1,392,866	1,392,866

India 11	1,298	1,357	1,233	1,048	1,066	1,088	988	1,366,624	1,309,670	1,458,240	1,218,500	
Ceylon	13	14	14	517	517	811	696	8,889	16,643	15,467	15,467	
Siam	27	21	22	97	97	81	66	11,987	17,596	32,362	33,169	
Burma	37	36	37	15	15	15	15	22	22	22	22	
Java	91	86	87	85	92	1,553	1,539	141,785	145,330	133,896	142,372	
China	46	35	40	43	45	1,052	1,035	41,591	36,778	48,327	45,473	
Taiwan	2	2	3	3	4	1,396	1,051	2,755	3,507	4,487	5,000	
Philippine Islands	194	179	153	161		5,524	5,115	101,942	92,249	63,144	71,056	
Java and Madura	69	73	58	64	72	912	799	83,035	58,362	49,828	50,782	
Nepal	350	376	363	324		1,053	1,001	18,743	18,743	18,743	18,743	
Siam	49	39	28	31		42,437	34,064	28,401	30,229	31,201	31,201	
British North Borneo	1	1	1	1		1,048	628	1,048	360	360	360	
SOUTH AMERICA												
Brazil	221	284	255	260		874	765	181,959	216,447	191,573	205,991	
Chile	6	7	8	9		1,827	1,712	11,712	11,857	14,902	15,253	
Argentina	23	37	39	24	45	1,052	861	25,572	32,060	33,563	23,114	
Paraguay	22	25	25	25		1,212	970	24,444	30,999	5,801	17,225	
Uruguay	1	2	1	2		855	727	712	1,354	1,029	971	
AFRICA												
Algeria	65	54	57	55	58	831	732	54,232	40,394	41,650	38,723	
Tunisia	1	1	1	1	1	1,041	1,443	1,152	1,296	1,312	1,590	
Nyasaland						352	362	7,537	3,953	2,663	2,714	
European	21	10	7	7		10,355	371	10,370	13,822	14,743	11,900	
Native	10	17	3	4		1,371	341	2,184	2,184	2,184	2,184	
Northern Rhodesia	3	3	3	3		528	528	12,551	17,226	22,402	22,049	
Southern Rhodesia	24	32	43	41	49	528	540	16,652	15,473	17,099	20,000	
Union of South Africa	31	28	30	22	17	1,034	664	17,134	19,068	14,771	14,110	
Madagascar	17	29	22	18	17	1,034	664	17,134	19,068	14,771	14,110	
Mozambique	10	3	3	3		1,526	691	1,783	1,088			
OCEANIA												
Australia	2	14	11	12	12	748	401	1,764	5,788	5,557	5,198	
New Zealand	1	2	2	3		737	777	717	1,254	1,066	1,514	
Estimated world total ¹⁴	5,909	6,042	5,808	5,919	6,288			4,916,000	4,904,000	5,068,000	5,013,000	

¹ For a relatively complete historical series by countries see "World Acreage and Production of Tobacco by Countries" (multitith), August 1938, Bureau of Agricultural Economics.

² Calculated from actual acreage and production, except in instances where rounded figures only were available.

³ The beginning of July corresponds most nearly to the harvesting year. For example, in the Northern Hemisphere, data for 1935 are for crops harvested in the summer and fall of 1935; in the Southern Hemisphere, they are for crops harvested in the spring of 1936. For many countries bordering on the Equator, data are for the harvest which started late in 1935 and continued into the early months of 1936.

⁴ Preliminary. Figures for earlier years may be revised on the basis of later information.

⁵ 1 year only. ⁶ 4-year average. ⁷ 500 acres or less. ⁸ 3-year average.

⁹ Area and production shown are for 20 provinces only, but the missing data are of slight importance.

¹⁰ 2-year average.

¹¹ British India and reporting native States.

¹² Native production bought up by European estates from natives on estates plus official stocks of the Government (Kosovo).

¹³ European production. Production by natives on locations and reserves is estimated at about 1,000,000 pounds annually.

¹⁴ Exclusive of China.

Bureau of Agricultural Economics. Compiled from official sources, International Institute of Agriculture, and commodity specialists in foreign countries. cultural attachés, and commodity specialists in foreign countries.

TABLE 200.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by class and type, 1937 and 1938

Class and type	Type No.	Acreage harvested		Yield per acre		Production		Price for crop of—	
		1937	1938 ¹	1937	1938 ¹	1937	1938 ¹	1937	1938 ¹
Flue-cured:		<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>
Old belt	11	370,000	347,000	771	770	285,400	267,280	22.8	22.1
Eastern North Carolina belt	12	337,000	293,000	925	860	311,725	251,980	25.1	23.0
South Carolina belt	13	186,000	168,500	973	954	180,970	160,720	21.2	22.4
Georgia-Florida belt	14	96,500	103,600	914	1,021	88,207	105,751	19.8	20.3
Total flue-cured	11-14	989,500	912,100	875	861	866,302	785,731	23.0	22.2
Fire-cured:									
Virginia	21	25,400	20,400	790	710	20,066	14,484	10.7	10.7
Clarks-ville-Hopkinsville	22	81,000	64,000	846	721	68,560	46,130	11.5	8.0
Paducah	23	34,500	28,100	817	781	28,200	21,960	8.9	6.9
Henderson-Stem-ming (Kentucky)	24	2,500	2,000	850	875	2,125	1,750	7.2	7.3
Total fire-cured	21-24	143,400	114,500	830	736	118,951	84,324	10.7	8.2
Air-cured (light):									
Burley	31	443,900	406,600	907	833	402,417	338,789	20.1	19.0
Southern Maryland	32	35,000	37,500	650	780	22,750	29,250	17.2	20.0
Total air-cured (light)	31-32	478,900	444,100	888	829	425,167	368,039	19.9	19.1
Air-cured (dark):									
One Sucker	35	27,100	20,800	908	760	24,617	15,815	7.4	5.9
Green River (Kentucky)	36	22,000	17,000	800	870	19,500	14,790	9.0	9.6
Virginia sun-cured	37	8,500	2,800	785	780	2,983	2,184	8.9	12.7
Total air-cured (dark)	35-37	52,900	40,600	896	808	47,400	32,789	8.1	8.0
Cigar filler:									
Pennsylvania seedleaf	41	23,500	24,000	1,220	1,325	28,670	31,800	10.4	13.6
Miami Valley (Ohio)	42-44	15,500	13,600	975	900	15,112	12,240	8.8	8.8
Georgia-Florida sun-grown	45	1,100	1,200	1,120	1,283	1,232	1,540	13.5	13.5
Total cigar filler	41-45	40,100	38,800	1,123	1,175	45,014	45,580	9.9	12.3
Cigar binder:									
Connecticut Valley broadleaf	51	8,900	8,100	1,540	1,130	13,708	*9,155	15.5	15.5
Connecticut Valley Havana seed	52	7,000	7,300	1,544	1,153	10,806	*8,417	16.4	14.8
New York and Pennsylvania Havana seed	53	1,100	1,400	1,335	1,421	1,468	1,990	10.1	10.5
Southern Wisconsin	54	11,000	15,000	1,320	1,340	14,520	20,100	10.5	7.0
Northern Wisconsin	55	7,800	10,400	1,416	1,287	11,042	13,380	12.3	8.2
Total cigar binder	51-55	35,800	42,200	1,440	1,257	51,544	53,042	13.4	9.6
Cigar wrapper:									
Connecticut Valley shade-grown	61	7,200	7,300	832	745	5,988	*5,437	98.0	75.0
Georgia-Florida shade-grown	62	2,800	3,200	900	1,122	2,520	3,592	69.0	70.0
Total cigar wrapper	61-62	10,000	10,500	851	860	8,508	9,029	89.4	72.9
Total cigar types	41-62	85,900	91,500	1,223	1,177	105,066	107,651	18.1	16.1
United States	All	1,750,600	1,602,800	892.8	860.1	1,562,886	1,378,534	20.4	19.7

¹ Preliminary.² Including loss after harvest as a result of hurricane and flood estimated as follows: Broadleaf (type 51), 3,520,000 pounds; Havana seed (type 52), 1,547,000 pounds; and shade (type 61), 588,000 pounds. Prices apply only to the marketable portion of the crop.

Bureau of Agricultural Economics. For additional data see Statistical Bulletins Nos. 58, 63, and 67 (Tobacco Statistics).

TABLE 201.—*Tobacco: Production, stocks, supply, disappearance, and price of types grown in continental United States, 1929-38*¹FLUE-CURED, TYPES 11-14¹

Year	Production	Stocks Oct. 1, farm-sales weight ²	Total supply	Disappearance, beginning Oct. 1	Season average farm price per pound	Year	Production	Stocks Oct. 1, farm-sales weight ²	Total supply	Disappearance, beginning Oct. 1	Season average farm price per pound
	Million pounds	Million pounds	Million pounds	Million pounds	Cents		Million pounds	Million pounds	Million pounds	Million pounds	Cents
1929.....	750.0	688.8	1,438.8	735.4	18.0	1934.....	556.8	763.0	1,319.8	567.2	27.3
1930.....	865.2	703.4	1,568.6	774.1	12.0	1935.....	811.2	752.6	1,563.8	692.5	20.0
1931.....	669.5	794.5	1,464.0	597.0	8.4	1936.....	682.8	871.3	1,554.1	670.9	22.2
1932.....	373.7	867.0	1,240.7	564.9	11.6	1937.....	866.3	883.2	1,749.5	705.0	23.0
1933.....	733.4	675.8	1,409.2	646.2	15.3	1938 ⁴	785.7	954.5	1,740.2	-----	22.2

VIRGINIA FIRE-CURED, TYPE 21

1929.....	22.8	37.1	59.9	26.8	16.9	1934.....	18.4	32.9	51.3	20.5	12.2
1930.....	23.4	33.1	56.5	22.5	8.3	1935.....	20.4	30.8	51.2	19.9	10.2
1931.....	28.3	34.0	62.3	24.0	4.7	1936.....	18.1	31.3	49.4	21.3	13.2
1932.....	13.3	38.3	51.6	19.7	8.2	1937.....	20.1	28.1	48.2	18.5	10.7
1933.....	24.9	31.9	56.8	23.9	6.9	1938 ⁴	14.5	29.7	44.2	-----	10.7

KENTUCKY AND TENNESSEE FIRE-CURED, TYPE 22

1929.....	107.7	86.6	194.3	103.1	14.2	1934.....	79.2	130.2	209.4	60.8	11.3
1930.....	96.9	91.2	188.1	81.4	9.9	1935.....	68.1	148.6	216.7	82.0	9.7
1931.....	103.9	106.7	210.6	86.3	5.8	1936.....	56.4	134.7	191.1	60.9	13.4
1932.....	78.6	124.3	202.9	58.7	6.6	1937.....	68.6	110.2	178.8	72.9	11.5
1933.....	78.5	144.2	222.7	92.5	10.5	1938 ⁴	46.1	105.9	152.0	-----	8.0

KENTUCKY AND TENNESSEE FIRE-CURED, TYPE 23

1929.....	47.0	21.9	68.9	48.5	10.0	1934.....	31.2	32.1	63.3	22.8	8.9
1930.....	38.5	20.4	58.9	30.3	5.6	1935.....	25.8	40.5	66.3	27.8	7.4
1931.....	47.4	28.6	76.0	35.3	4.0	1936.....	23.2	38.5	61.7	30.8	9.3
1932.....	28.4	40.7	69.1	41.0	4.6	1937.....	28.2	30.9	59.1	27.6	8.9
1933.....	22.0	28.1	50.1	18.0	6.8	1938 ⁴	22.0	31.5	53.5	-----	6.9

HENDERSON FIRE-CURED, TYPE 24

1929.....	9.4	.8	10.2	9.3	9.5	1934.....	3.9	4.7	8.6	4.6	8.0
1930.....	9.7	.9	10.6	6.9	6.9	1935.....	3.0	4.0	7.0	3.5	6.4
1931.....	7.2	3.7	10.9	6.1	4.0	1936.....	2.0	3.5	5.5	3.9	8.9
1932.....	3.9	4.8	8.7	4.2	3.4	1937.....	2.1	1.6	3.7	2.6	7.2
1933.....	3.0	4.5	7.5	2.8	6.5	1938 ⁴	1.8	1.1	2.9	-----	7.3

BURLEY, TYPE 31

1929.....	337.4	394.2	731.6	293.3	21.8	1934.....	252.2	820.3	1,072.5	302.6	16.9
1930.....	349.2	438.3	787.5	277.3	15.5	1935.....	220.9	769.9	990.8	309.1	19.1
1931.....	424.8	510.2	935.0	252.4	8.7	1936.....	219.6	681.7	901.3	329.5	35.7
1932.....	303.7	682.6	986.3	266.0	12.5	1937.....	402.4	571.8	974.2	313.5	20.1
1933.....	377.5	720.3	1,097.8	277.5	10.5	1938 ⁴	338.8	660.7	999.5	-----	19.0

SOUTHERN MARYLAND, TYPE 32¹

1929.....	24.5	16.0	40.8	23.1	27.7	1934.....	26.2	36.0	62.2	23.6	17.5
1930.....	19.6	17.7	37.3	15.5	26.6	1935.....	28.7	38.6	67.3	28.8	20.0
1931.....	28.1	21.8	49.9	17.6	15.0	1936.....	30.8	38.5	69.3	28.2	23.4
1932.....	28.7	32.3	61.0	22.1	16.8	1937.....	22.8	41.1	63.9	26.2	17.2
1933.....	22.2	38.9	61.1	25.1	17.8	1938 ⁴	29.2	37.7	66.9	-----	20.0

See footnotes at end of table.

TABLE 201.—*Tobacco: Production, stocks, supply, disappearance, and price of types grown in continental United States, 1929-33*—Continued

ONE SUCKER, TYPE 35

Year	Production	Stocks Oct. 1, farm-sales weight ¹	Total supply	Disappearance, beginning Oct. 1	Season average farm price per pound	Year	Production	Stocks Oct. 1, farm-sales weight ¹	Total supply	Disappearance, beginning Oct. 1	Season average farm price per pound
	Million pounds	Million pounds	Million pounds	Million pounds	Cents		Million pounds	Million pounds	Million pounds	Million pounds	Cents
1929.....	29.3	23.4	52.7	24.8	10.5	1934.....	18.9	34.8	53.7	21.0	6.9
1930.....	29.7	27.9	57.6	22.2	7.0	1935.....	13.0	32.7	45.7	16.9	8.2
1931.....	22.4	35.4	57.8	21.0	3.4	1936.....	10.8	28.8	39.6	15.8	16.3
1932.....	15.5	36.8	52.3	19.0	4.8	1937.....	24.6	23.8	48.4	14.8	7.4
1933.....	17.9	33.3	51.2	16.4	0.7	1938 ⁴	15.8	33.6	49.4	-----	5.9

GREEN RIVER, TYPE 36

1929.....	26.9	35.3	62.2	35.1	10.7	1934.....	18.7	35.9	54.6	20.3	8.1
1930.....	30.6	27.1	57.7	30.0	8.9	1935.....	15.2	34.3	49.5	18.8	7.3
1931.....	40.5	27.7	68.2	26.9	3.3	1936.....	11.2	30.7	41.9	19.9	14.4
1932.....	19.8	41.3	61.1	19.6	3.4	1937.....	19.8	22.0	41.8	18.2	9.0
1933.....	11.1	41.5	52.6	16.7	7.9	1938 ⁴	14.8	23.6	38.4	-----	9.6

VIRGINIA SUN-CURED, TYPE 37

1929.....	4.1	6.7	10.8	6.0	13.2	1934.....	2.7	2.6	5.3	2.6	9.7
1930.....	3.4	4.8	8.2	3.7	7.7	1935.....	2.8	2.7	5.5	2.8	11.0
1931.....	3.2	4.5	7.7	3.3	5.3	1936.....	2.6	2.7	5.3	2.9	15.1
1932.....	1.2	4.4	5.6	1.5	6.6	1937.....	3.0	2.4	5.4	2.2	8.9
1933.....	2.0	4.1	6.1	3.5	8.5	1938 ⁴	2.2	3.2	5.4	-----	12.7

PENNSYLVANIA SEEDLEAF, TYPE 41

1929.....	51.1	95.8	146.9	54.9	12.0	1934.....	21.2	104.0	125.2	25.3	9.3
1930.....	40.1	92.0	132.1	45.6	6.4	1935.....	28.2	99.9	128.1	25.9	11.0
1931.....	54.7	86.5	141.2	18.3	7.4	1936.....	33.4	102.2	135.6	28.2	11.5
1932.....	45.9	122.9	168.8	56.3	4.7	1937.....	28.7	107.4	136.1	30.8	10.4
1933.....	21.4	112.5	133.9	29.9	5.0	1938 ⁴	31.8	105.3	137.1	-----	13.6

MIAMI VALLEY, TYPES 42-44

1929.....	21.5	46.4	67.9	25.7	13.8	1934.....	16.3	63.4	79.7	13.9	8.6
1930.....	32.8	42.2	75.0	13.1	10.1	1935.....	17.4	65.8	83.2	23.0	7.2
1931.....	33.7	61.9	95.6	29.6	5.5	1936.....	13.2	60.2	73.4	21.7	9.5
1932.....	24.2	66.0	90.2	27.8	4.0	1937.....	15.1	51.7	66.8	18.8	8.8
1933.....	12.7	62.4	75.1	11.7	6.0	1938 ⁴	12.2	48.0	60.2	-----	8.8

GEORGIA AND FLORIDA SUN-GROWN, TYPE 45

1929.....	1.9	2.7	4.6	1.4	20.0	1934.....	0.6	2.3	2.9	0.2	12.0
1930.....	1.5	3.2	4.7	1.3	20.0	1935.....	1.2	2.7	3.9	1.7	13.5
1931.....	1.1	3.4	4.5	1.5	15.0	1936.....	.8	2.2	3.0	(⁶)	13.5
1932.....	.2	3.0	3.2	.7	10.0	1937.....	1.2	*2.0	3.2	(⁶)	13.5
1933.....	.1	2.5	2.6	.3	11.0	1938 ⁴	1.5	3.6	5.1	-----	13.5

CONNECTICUT VALLEY BROADLEAF, TYPE 51

1929.....	12.1	34.1	46.2	18.9	27.4	1934.....	9.0	39.8	48.8	13.3	17.0
1930.....	19.1	27.3	46.4	13.3	25.1	1935.....	10.7	35.5	46.2	12.0	18.5
1931.....	20.1	33.1	53.2	12.9	14.0	1936.....	17.8	34.2	47.0	14.1	20.5
1932.....	18.3	40.3	58.6	14.6	12.0	1937.....	13.7	32.9	46.6	11.8	15.5
1933.....	11.1	41.0	52.1	12.3	13.0	1938 ⁴	19.2	34.8	54.0	-----	15.5

See footnotes at end of table.

TABLE 201.—*Tobacco: Production, stocks, supply, disappearance, and price of types grown in continental United States, 1929-33*—ContinuedCONNECTICUT VALLEY HAVANA SEED, TYPE 52¹

Year	Production	Stocks Oct. 1, farm-sales weight ²	Total supply	Disappearance, beginning Oct. 1	Season average farm price per pound	Year	Production	Stocks Oct. 1, farm-sales weight ²	Total supply	Disappearance, beginning Oct. 1	Season average farm price per pound
	Million pounds	Million pounds	Million pounds	Million pounds	Cents		Million pounds	Million pounds	Million pounds	Million pounds	Cents
1929.....	18.4	34.6	53.0	16.6	31.1	1934.....	5.9	37.8	43.7	12.9	15.6
1930.....	18.8	36.4	55.2	18.2	21.9	1935.....	6.7	30.8	37.5	11.4	17.4
1931.....	16.6	37.0	53.6	12.7	13.0	1936.....	8.3	26.1	34.4	10.7	17.9
1932.....	17.5	40.9	58.4	19.8	8.5	1937.....	10.8	23.7	34.5	8.7	16.4
1933.....	10.0	38.6	48.6	10.8	9.7	1938 ⁴	8.4	25.8	34.2	-----	14.8

NEW YORK AND PENNSYLVANIA HAVANA SEED, TYPE 53

1929.....	1.4	2.5	3.9	1.4	15.3	1934.....	.4	3.1	3.5	1.5	8.2
1930.....	1.6	2.5	4.1	.6	11.7	1935.....	.7	2.0	2.7	.7	10.3
1931.....	2.6	3.5	6.1	1.7	9.5	1936.....	1.1	2.0	3.1	1.0	10.6
1932.....	2.5	4.4	6.9	2.6	3.6	1937.....	1.5	2.1	3.6	1.5	10.1
1933.....	1.0	4.3	5.3	2.2	4.2	1938 ⁴	2.0	2.1	4.1	-----	10.5

SOUTHERN WISCONSIN, TYPE 54

1929.....	29.7	56.3	86.0	29.0	13.4	1934.....	7.2	81.3	88.5	14.9	6.0
1930.....	31.8	57.0	88.8	21.7	9.8	1935.....	8.4	73.6	82.0	20.6	6.6
1931.....	31.0	67.1	98.1	17.3	5.6	1936.....	11.0	61.4	72.4	21.7	8.0
1932.....	23.0	80.8	105.8	25.6	4.5	1937.....	14.5	50.7	65.2	19.7	10.5
1933.....	10.5	80.2	90.7	9.4	5.5	1938 ⁴	20.1	45.5	65.6	-----	7.0

NORTHERN WISCONSIN, TYPE 55

1929.....	20.2	39.6	59.8	21.7	17.3	1934.....	5.3	47.7	53.0	11.5	8.4
1930.....	24.0	38.1	62.1	12.8	10.3	1935.....	6.9	41.5	48.4	15.3	7.1
1931.....	20.0	49.3	69.3	17.1	5.1	1936.....	8.0	33.1	41.1	13.2	12.0
1932.....	12.5	52.2	64.7	9.6	3.8	1937.....	11.0	27.9	38.9	9.2	12.3
1933.....	5.5	55.1	60.6	12.9	4.8	1938 ⁴	13.4	29.7	43.1	-----	8.2

CONNECTICUT VALLEY SHADE-GROWN, TYPE 61

1929.....	10.2	7.4	17.6	5.9	56.0	1934.....	5.5	10.0	15.5	6.8	80.0
1930.....	7.7	11.7	19.4	6.9	73.0	1935.....	5.7	8.7	14.4	7.6	85.0
1931.....	5.1	12.5	17.6	5.1	82.0	1936.....	6.8	6.8	13.6	6.7	88.0
1932.....	4.6	12.5	17.1	4.8	59.0	1937.....	6.0	6.9	12.9	6.4	98.0
1933.....	4.8	12.3	17.1	7.1	64.0	1938 ⁴	5.4	6.5	11.9	-----	75.0

GEORGIA AND FLORIDA SHADE-GROWN, TYPE 62¹

1929.....	4.4	5.6	10.0	3.1	55.0	1934.....	1.8	4.8	6.6	1.9	60.0
1930.....	3.8	6.9	10.7	4.7	60.0	1935.....	2.1	4.7	6.8	2.6	65.0
1931.....	3.1	6.0	9.1	3.1	30.0	1936.....	2.7	4.2	6.9	1.0	69.0
1932.....	2.4	6.0	8.4	3.0	35.0	1937.....	2.5	5.9	8.4	2.3	69.0
1933.....	1.2	5.4	6.6	1.8	32.0	1938 ⁴	3.6	6.1	9.7	-----	70.0

¹ Data for earlier years are published in the First Annual Report on Tobacco Statistics, Statistical Bull. 58, Bureau of Agricultural Economics.

² Stocks as of July 1 and disappearance beginning July 1.

³ Stocks shown represent those held by dealers and manufacturers who are required by law to file quarterly reports. Farm-sales weight is calculated by converting stemmed to unstemmed and storage weight to farm-sales weight, by allowing for normal losses of dirt, sand, moisture, and stem in handling and preparing tobacco.

⁴ Preliminary.

⁵ Stocks as of Jan. 1 of year following production, and disappearance beginning Jan. 1 of year following production.

⁶ The 1937 stocks appear to be out of line and are subject to revision. For this reason the 1936 and 1937 disappearance cannot be made comparable.

⁷ Including loss after harvest as a result of hurricane and flood as follows: Type 51, 3,820,000 pounds; type 52, 1,547,000 pounds; type 61, 588,000 pounds.

⁸ Includes primed Havana Seed, which has not been reported separately since 1929.

⁹ Since the bulk of the crop is harvested prior to Oct. 1, stocks reported as of that date include a large part of the current season's production. As a result of this degree of double counting (exactly how much, it is difficult to determine), the supply figures shown here are larger than actual supply.

Bureau of Agricultural Economics.

TABLE 202.—Tobacco: Stocks owned by dealers and manufacturers in the United States, 1934-38 ¹

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11 12, 13, and 14:	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	Ohio cigar leaf (Mi- ami Valley), types 42, 43, and 44:	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1934.....	858,124	785,207	652,064	750,422	1934.....	54,291	55,477	56,727	55,353
1935.....	823,213	731,516	641,840	798,366	1935.....	53,486	64,085	62,736	57,584
1936.....	964,122	873,848	747,097	850,254	1936.....	53,560	56,418	57,467	52,560
1937.....	972,920	872,509	752,304	914,617	1937.....	46,822	55,723	50,528	44,904
1938.....	1069,229	930,942	812,836	1005,225	1938.....	39,079	50,256	46,584	41,803
Virginia fire-cured, type 21:					Georgia and Florida sun-grown, type 45:				
1934.....	23,109	37,643	32,230	27,669	1934.....	1,503	1,352	1,135	1,620
1935.....	28,606	34,151	30,161	25,968	1935.....	1,457	1,376	739	2,049
1936.....	27,188	35,089	31,055	26,379	1936.....	1,783	1,633	1,407	1,538
1937.....	25,647	30,247	27,058	23,728	1937.....	1,360	1,554	1,054	1,442
1938.....	23,572	31,033	28,968	25,012	1938.....	1,625	1,542	1,127	2,748
Kentucky and Tennes- see fire-cured, type 22 (eastern district):					Puerto Rican cigar leaf, type 46: ²				
1934.....	105,487	136,387	136,532	125,128	1934.....	20,487	21,162	19,490	18,502
1935.....	115,317	149,492	155,714	142,794	1935.....	20,929	23,130	20,677	19,691
1936.....	119,790	154,429	143,777	129,468	1936.....	35,400	40,899	47,543	44,559
1937.....	114,242	136,488	120,508	105,898	1937.....	36,807	39,515	55,810	45,854
1938.....	91,469	126,566	115,118	101,737	1938.....	39,457	46,776	61,257	48,957
Kentucky and Tennes- see fire-cured, type 23 (western district):					Connecticut Broad- leaf, type 51:				
1934.....	39,797	47,748	43,816	30,897	1934.....	35,238	37,834	39,126	36,261
1935.....	27,691	43,010	41,591	38,953	1935.....	35,412	37,463	36,468	32,604
1936.....	35,848	48,060	40,078	36,957	1936.....	32,133	33,178	33,449	31,434
1937.....	33,711	45,848	35,414	29,651	1937.....	29,209	36,657	33,873	30,461
1938.....	26,440	45,447	33,936	30,297	1938.....	24,851	35,409	34,723	32,107
Henderson fire-cured (stemming), type 24:					Connecticut Havana seed, type 52:				
1934.....	3,591	4,811	4,096	4,164	1934.....	34,486	35,651	36,254	34,403
1935.....	2,677	4,587	3,785	3,525	1935.....	33,420	33,949	31,166	28,043
1936.....	3,300	4,600	3,994	3,119	1936.....	28,457	27,890	26,155	23,969
1937.....	2,873	3,300	2,277	1,366	1937.....	25,084	27,951	25,328	21,723
1938.....	1,379	2,263	1,363	994	1938.....	22,919	29,228	26,686	23,753
Burley, type 31:					New York and Penn- sylvania Havana seed, type 53:				
1934.....	585,252	829,593	764,143	700,851	1934.....	4,136	3,382	3,102	2,704
1935.....	690,944	790,426	726,937	660,810	1935.....	2,620	2,423	2,087	1,751
1936.....	699,183	731,168	658,225	586,628	1936.....	1,910	2,207	2,076	1,732
1937.....	593,610	635,321	560,762	488,959	1937.....	1,650	2,460	2,475	1,874
1938.....	547,271	716,769	640,696	565,369	1938.....	1,887	2,666	2,143	1,881
Southern Maryland, type 32:					Wisconsin cigar leaf, types 54 and 55:				
1934.....	37,989	31,921	29,597	35,578	1934.....	120,319	119,506	121,738	118,656
1935.....	34,760	32,115	29,305	39,351	1935.....	113,031	118,746	112,488	106,102
1936.....	37,647	31,365	28,835	41,241	1936.....	98,088	99,776	95,870	86,950
1937.....	37,436	31,573	32,576	44,851	1937.....	78,799	80,639	81,755	72,122
1938.....	39,852	34,740	31,913	39,966	1938.....	65,250	82,822	76,113	68,493
One Sucker, type 35:					Connecticut shade- grown, type 61:				
1934.....	27,384	41,178	35,700	31,893	1934.....	10,821	10,238	9,576	8,688
1935.....	27,992	40,823	35,321	29,999	1935.....	11,082	9,736	8,304	7,624
1936.....	30,481	34,265	30,465	26,243	1936.....	9,418	8,537	7,151	5,948
1937.....	23,939	27,826	24,940	21,198	1937.....	9,134	8,639	7,169	5,994
1938.....	24,236	39,238	34,269	30,043	1938.....	9,341	7,885	6,669	5,647
Green River, type 36:					Georgia and Florida shade-grown, type 62:				
1934.....	35,101	37,694	35,725	31,655	1934.....	3,958	3,439	3,039	4,170
1935.....	29,864	37,235	33,383	30,270	1935.....	3,372	2,966	2,545	4,090
1936.....	29,377	34,648	32,196	27,089	1936.....	3,508	3,224	2,332	3,590
1937.....	24,919	26,879	21,814	19,371	1937.....	3,725	3,098	2,337	5,082
1938.....	19,995	27,704	24,039	20,714	1938.....	3,927	2,979	2,346	5,292
Virginia sun-cured, type 37:					Miscellaneous do- mestic, type 70: ³				
1934.....	2,284	4,467	2,496	2,030	1934.....	2,184	2,339	1,996	2,287
1935.....	1,893	3,003	2,634	2,076	1935.....	1,805	1,724	1,727	2,889
1936.....	2,060	3,480	2,593	2,137	1936.....	1,441	1,272	940	998
1937.....	2,154	2,975	2,532	2,012	1937.....	1,328	1,057	1,075	919
1938.....	1,879	3,204	2,874	2,616	1938.....	1,303	1,179	1,107	975
Pennsylvania seed- leaf, type 41:									
1934.....	91,672	96,162	97,084	91,812					
1935.....	84,881	93,590	96,310	88,556					
1936.....	79,904	100,959	98,506	90,495					
1937.....	79,599	111,405	105,166	94,984					
1938.....	86,952	112,601	100,895	92,763					

¹ Storage-order basis, including some tobacco which has been stemmed. For data on stocks converted to a farm-sales-weight basis, see Annual Reports on Tobacco Statistics.

² Beginning 1936, stocks on the island of Puerto Rico are included.

³ Beginning Oct. 1, 1935, Eastern Ohio, Perique, and Philippine Islands reported separately.

Bureau of Agricultural Economics.

TABLE 203.—*Tobacco: Leaf used in the manufacture of cigars, cigarettes, and tobacco and snuff, in the United States, 1919-37*¹

Year	Cigars		Cigarettes		Tobacco and snuff	Total
	Large	Small	Large	Small		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1919.....	148, 778	2, 726	151	166, 632	330, 067	648, 384
1920.....	166, 361	2, 236	138	146, 769	324, 478	639, 982
1921.....	140, 659	2, 569	135	158, 201	310, 687	612, 251
1922.....	149, 363	2, 346	142	169, 455	325, 510	646, 816
1923.....	157, 857	1, 915	157	200, 238	328, 869	659, 036
1924.....	151, 356	2, 057	138	217, 562	322, 745	663, 858
1925.....	147, 531	1, 471	145	244, 170	325, 109	718, 426
1926.....	151, 049	1, 322	109	267, 475	317, 399	737, 354
1927.....	151, 049	1, 461	96	290, 368	301, 314	744, 288
1928.....	149, 993	1, 297	88	310, 071	293, 176	754, 625
1929.....	150, 878	1, 251	93	346, 450	297, 954	796, 626
1930.....	136, 750	1, 151	65	347, 850	293, 990	779, 806
1931.....	126, 611	1, 017	43	329, 920	294, 813	752, 464
1932.....	103, 234	1, 054	18	299, 011	286, 817	690, 134
1933.....	103, 954	745	17	326, 076	279, 876	710, 668
1934.....	110, 203	920	882	374, 501	289, 024	775, 530
1935.....	113, 066	676	14	399, 444	262, 732	775, 932
1936.....	125, 875	703	12	453, 315	267, 462	847, 367
1937.....	127, 880	773	19	479, 943	264, 309	872, 924

¹ The quantities given are unstemmed equivalent of all kinds of tobacco used. Stemmed leaf and scrap, etc., used in manufacturing have been converted to unstemmed equivalent at the ratio of 3 pounds stemmed to 4 pounds unstemmed; in respect to leaf used in the manufacture of tobacco and snuff prior to 1928 no conversion factor was used, but in this table all figures are compiled on the conversion basis named.

Bureau of Agricultural Economics. Compiled from annual reports of the Commissioner of Internal Revenue, Treasury Department.

TABLE 204.—*Tobacco products: Cigars, cigarettes, chewing, smoking, and snuff, manufactured in the United States, 1919-37*

Year	Cigars ¹		Cigarettes		Chewing				Smoking ²	Snuff	Total chewing, smoking, and snuff
	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Plug	Twist	Fine-cut	Scrap ³			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1919	7,072,357	713,236	31,889	53,119,784	141,038	11,290	8,166	-----	228,567	35,008	424,069
1920	8,096,759	633,222	28,039	47,430,105	138,563	11,766	8,681	-----	219,271	34,349	412,630
1921	6,726,095	670,483	14,518	52,085,012	113,384	9,261	6,893	-----	222,723	34,690	386,951
1922	6,722,354	632,907	17,450	55,763,023	120,174	10,948	6,893	-----	243,355	38,136	419,506
1923	6,950,247	505,305	18,066	66,715,830	120,799	10,665	7,141	-----	234,944	39,228	412,777
1924	6,597,677	530,714	16,054	72,706,989	111,477	9,902	6,780	-----	246,960	39,029	414,178
1925	6,463,163	447,090	17,429	82,247,100	111,391	9,750	7,151	-----	247,740	37,941	415,873
1926	6,498,641	412,315	13,240	92,096,974	109,766	9,179	6,985	-----	246,439	38,227	410,596
1927	6,519,005	439,419	11,432	99,809,032	103,918	7,988	6,287	-----	237,934	40,197	396,324
1928	6,373,182	415,535	10,403	108,705,506	100,646	8,892	5,186	-----	231,134	40,475	386,333
1929	6,518,533	419,880	9,952	122,392,381	96,744	8,188	5,556	-----	229,585	41,127	381,200
1930	5,593,890	383,070	7,867	123,802,186	86,274	7,624	5,059	-----	232,013	40,766	371,766
1931	5,347,921	338,997	5,160	117,062,504	76,553	6,378	4,170	61,235	182,847	39,854	371,237
1932	4,382,723	278,749	3,374	106,632,434	61,945	4,918	3,355	50,080	190,987	35,904	347,279
1933	4,300,045	209,515	2,846	114,874,217	61,362	5,042	3,120	44,725	191,766	36,098	342,113
1934	4,525,780	221,977	88,202	129,976,334	62,760	5,080	2,970	44,786	193,076	36,894	345,566
1935	4,685,370	177,822	2,504	139,966,180	60,689	5,694	4,683	44,007	191,750	36,095	342,728
1936	5,172,279	180,006	2,458	158,893,958	59,165	6,372	5,068	45,342	194,007	38,022	347,976
1937	5,303,369	198,585	3,066	169,969,320	58,331	6,774	4,909	45,560	187,774	37,141	340,579

¹ Cigars produced in and removed for domestic consumption from bonded manufacturing warehouses are not included.

² Prior to 1931, scrap chewing was included with smoking tobacco.

Bureau of Agricultural Economics. Compiled from annual reports of the Commissioner of Internal Revenue, Treasury Department.

TABLE 205.—*Tobacco: International trade, averages 1925-34, annual 1935-37*¹

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ²	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
United States.....	525,232	78,243	479,027	63,588	396,330	63,266	428,269	67,519	434,796	78,380
Netherland India.....	170,071	11,987	143,387	8,204	108,486	1,444	106,525	1,670	181,252	3,158
Greece.....	109,224	440	88,048	50	111,178	255	88,083	222	93,016	2
Turkey.....	78,023	0	57,537	114	51,357	313	54,451	1	90,694	0
Brazil.....	67,864	3,869	67,101	2,101	72,434	1,474	69,115	997	80,774	-----
Bulgaria.....	57,616	0	48,886	0	53,546	0	44,116	0	48,716	0
Philippine Islands.....	47,940	674	44,917	1,604	52,679	447	31,840	668	17,804	1,031
Cuba.....	42,279	0	38,551	0	31,339	0	23,049	0	-----	0
British India.....	40,432	16,192	35,810	12,121	36,375	12,360	38,157	11,855	51,204	14,734
Dominican Republic.....	36,528	0	17,457	0	15,258	0	10,558	0	6,941	0
Algeria.....	33,841	10,374	26,191	9,103	30,306	7,205	29,969	8,513	24,021	8,983
Paraguay.....	14,252	223	12,864	168	8,213	328	-----	-----	-----	-----
Hungary.....	12,392	7,393	22,792	3,654	21,047	2,433	19,510	2,682	16,258	2,802
Union of Soviet Socialist Republics.....	9,873	0	10,978	0	9,837	4,888	3,746	2,842	4,771	2,930
Italy.....	7,333	16,165	8,621	7,966	8,924	6,276	7,065	1,360	14,477	4,284
Yugoslavia.....	4,964	766	6,761	454	13,408	14	10,820	387	8,008	0
Ceylon.....	2,243	70	2,077	767	1,972	926	2,666	1,116	2,414	1,268
Total.....	1,260,137	145,976	1,111,505	109,894	1,022,689	101,449	964,939	99,031	975,146	117,602
PRINCIPAL IMPORTING COUNTRIES										
Germany.....	679	217,778	888	191,864	73	201,201	0	200,162	1	205,498
United Kingdom.....	6,211	202,589	8,976	199,485	7,066	240,364	5,479	259,150	6,704	262,811
China.....	24,737	104,548	20,276	98,744	29,915	26,371	37,921	38,243	33,729	49,605
Manchuria.....	(³)	(³)	1,330	29,075	529	21,429	387	33,525	565	28,460
France.....	403	92,321	1,387	104,127	412	71,990	685	63,232	1,119	58,740
Netherlands.....	3,115	70,090	4,044	71,961	3,562	61,095	2,158	62,209	3,618	69,370
Spain.....	37	53,921	0	62,733	0	61,038	-----	-----	-----	-----
Belgium.....	92	45,005	436	47,198	360	44,490	212	41,261	304	38,719
Czechoslovakia.....	7	38,990	0	21,474	0	25,857	0	20,472	0	18,938
Poland.....	723	33,809	116	23,000	89	18,118	12	14,237	274	18,142
Austria.....	2,111	31,367	2,641	24,097	2,259	22,072	2,130	16,451	989	17,828
Argentina.....	417	23,945	669	21,081	489	15,984	91	14,421	98	16,009
Australia.....	17	21,622	0	16,658	463	17,837	0	22,141	2	21,122
Canada.....	5,376	17,058	9,181	12,027	7,667	6,544	10,213	3,290	10,041	2,569
Egypt.....	0	16,639	0	13,316	0	12,933	0	13,064	0	13,286
Switzerland.....	92	13,166	241	16,612	1	15,856	0	15,071	0	16,304
Japan.....	2,952	12,832	2,576	12,171	6,697	19,921	8,299	12,328	10,245	8,717
Sweden.....	166	12,069	205	11,394	220	14,925	155	13,215	164	16,692
Denmark.....	2	11,835	31	15,269	235	16,524	266	16,447	686	18,370
Ireland.....	269	8,934	389	11,059	590	11,099	184	15,333	-----	9,084
Finland.....	0	7,094	0	6,650	0	6,520	0	7,052	0	7,931
Norway.....	0	5,037	0	5,498	0	5,776	0	6,220	0	6,385
Total.....	47,386	1,040,685	53,386	1,015,403	60,636	937,674	68,192	887,62	468,539	904,580

¹ Tobacco comprises leaf, stems, and trimmings.² Preliminary.³ Java and Madura only.⁴ 3-year average.⁵ International Yearbook of Agricultural Statistics.⁶ 2-year average.⁷ Not shown prior to 1932; included with data for China.⁸ Year ended June 30.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 206.—*Tobacco products: Wholesale prices, annual average, 1926-38*¹

Year	Ciga- rettes ²	Cigars ³	Plug to- bacco ⁴	Smok- ing to- bacco ⁵	Snuff ⁶	Year	Ciga- rettes ²	Cigars ³	Plug to- bacco ⁴	Smok- ing to- bacco ⁵	Snuff ⁶
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1926.....	5.660	52.808	0.696	8.320	5.292	1933.....	4.902	46.420	.507	5.120	5.292
1927.....	5.660	52.845	.696	8.320	5.292	1934.....	5.370	46.875	.642	5.120	5.292
1928.....	5.422	52.714	.696	8.320	5.292	1935.....	5.380	46.199	.642	5.120	5.292
1929.....	5.398	52.427	.696	8.320	5.292	1936.....	5.380	45.966	.642	5.120	5.292
1930.....	5.645	51.044	.696	8.320	5.292	1937.....	5.507	46.044	.642	5.120	4.887
1931.....	5.851	49.767	.696	7.017	5.292	1938.....	5.513	46.056	.642	5.120	4.502
1932.....	6.042	49.053	.669	5.120	5.292						

¹ Simple average of weekly prices; usually the Tuesday quotation.² Composite price of 3 price series, per 1,000, f. o. b. destination.³ Composite price of 12 price series, per 1,000, f. o. b. destination.⁴ Per pound, New York.⁵ 1-ounce bags, per gross, New York; granulated.⁶ Dry, sweet, per $\frac{1}{4}$ gross of 1- $\frac{1}{2}$ ounce average containers, list price, destination.

Bureau of Agricultural Economics. Compiled from official records of the Bureau of Labor Statistics, Department of Labor.

FRUITS, VEGETABLES, AND TREE NUTS

TABLE 207.—Almonds: Production and season average price per ton received by farmers, California, 1919-38¹

Year	Production	Price	Farm value	Year	Production	Price	Farm value
	Short tons	Dollars	1,000 dollars		Short tons	Dollars	1,000 dollars
1919.....	7,900	440	3,476	1929.....	4,700	480	2,256
1920.....	6,000	360	2,160	1930.....	13,500	200	2,700
1921.....	6,300	320	1,984	1931.....	14,800	176	2,605
1922.....	9,000	290	2,610	1932.....	14,000	165	2,310
1923.....	11,000	260	2,860	1933.....	12,900	186	2,399
1924.....	8,000	300	2,400	1934.....	10,900	180	1,962
1925.....	7,500	400	3,000	1935.....	9,300	280	2,604
1926.....	16,000	300	4,800	1936.....	7,600	402	3,055
1927.....	12,000	320	3,840	1937.....	20,000	275	5,500
1928.....	14,000	340	4,760	1938 ²	12,100	238	3,122

¹ The 1930 census reported small quantities of almonds produced in several other States in 1929, but about 99 percent of the total production was in California.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 208.—Apples: Production, value, carlot shipments, and foreign trade, United States, 1919-38

Year	Total production	Season average price per bushel received by farmers	Farm value	Commercial production ¹	Carlot shipments from crop of year shown	Production of dried and canned apples in terms of fresh fruit		Foreign trade, year beginning July ^{2,3}					Net exports ⁴	
						Dried	Canned	Fresh ⁵	Domestic exports			Imports, fresh and dried, terms of fresh	Total	Percentage of production
									Dried, in terms of fresh ⁶	Canned, in terms of fresh				
	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Per-cent
1919.....	136,561													
1919.....	140,632	1.75	245,968	81,047		8,604	3,700	3,152	1,724			889	3,987	2.8
1920.....	206,688	1.22	252,967	103,102	67,282	5,979		7,995	2,633			162	10,466	6.1
1921.....	95,638	1.64	156,628	66,100	68,148	4,025	3,400	3,282	1,813			1,410	3,686	3.9
1922.....	189,425	1.02	194,138	100,642	68,299	7,292		5,269	1,869			193	6,943	3.7
1923.....	180,916	1.13	204,402	109,922	84,452	5,717	3,300	12,295	4,435		191	131	16,789	9.3
1924.....	158,967													
1924.....	160,457	1.21	193,305	88,776	62,569	7,006		9,604	2,804	562		106	12,863	8.0
1925.....	152,424	1.25	190,678	101,080	76,983	6,152	5,200	11,015	3,621	538		74	15,101	9.9
1926.....	229,656	.89	198,355	123,550	80,704	7,263	4,500	21,292	4,764	675		85	26,647	11.6
1927.....	115,708	1.40	161,783	79,254	58,346	5,133	4,400	9,430	3,165	573		155	13,013	11.2
1928.....	177,813	1.08	192,523	109,938	80,184	9,946	6,400	21,042	7,295	1,151		117	29,372	16.5
1929.....	185,433													
1929.....	135,092	1.39	187,338	89,270	63,974	7,379	6,500	10,279	3,466	836		312	14,269	10.6
1930.....	156,617	1.02	160,101	105,432	71,472	7,671	6,200	20,340	5,559	640		103	26,437	16.9
1931.....	205,403	.66	133,278	113,207	63,079	6,593	4,400	18,030	4,802	695		82	23,246	11.3
1932.....	146,849	.60	85,801	90,023	49,544	6,869	4,800	13,754	5,690	748		6	20,186	13.7
1933.....	148,657	.78	112,657	81,925	40,178	7,525	5,400	12,261	6,297	439		13	18,985	12.8
1934.....	184,257													
1934.....	125,719	.89	112,400	79,870	43,703	5,688	6,300	8,062	3,571	581		28	12,166	9.7
1935.....	177,916	.72	125,406	103,749	42,847	7,525	5,900	12,239	5,032	900		5	18,166	10.2
1936.....	117,506	1.05	123,366	75,539	38,311	6,038	6,372	6,755	3,343	503		36	10,564	9.0
1937.....	7210,783	.67	132,903	115,733	42,663	8,750	7,960	10,958	4,062	497		8	15,511	7.4
1938 ⁷	131,882	.81	107,482	78,675	38,530									

¹ Included in total crop. By commercial crop is meant that portion of the total crop which is sold for consumption as fresh fruit.

² Compiled from Monthly Summary of Foreign Commerce of the United States, June issues, 1919-26; January and June issues, 1927-38; and official records of the Bureau of Foreign and Domestic Commerce.

³ Dried and canned are converted to terms of fresh apples on following basis: 1 pound of dried is equivalent to about 7 pounds fresh; 1 pound of canned is equivalent to about 2 pounds fresh; 45 pounds fresh equal 1 bushel. No reexports reported.

⁴ Total exports (domestic plus foreign) minus imports. Beginning 1933 domestic exports minus imports for consumption.

⁵ Comprises barrels, baskets, and boxes; does not include apple waste.

⁶ Beginning January 1933, includes apple waste, not separately reported prior to this date.

⁷ Includes some quantities not harvested on account of market conditions as follows: 300,000 bushels in 1924; 7,388,000 in 1926; 2,100,000 in 1931; 4,220,000 in 1932; 4,600,000 in 1933; 50,000 in 1934; 4,000,000 in 1935, and 12,526,000 in 1937. Price and value apply only to the harvested portion of the crop.

⁸ Beginning 1933-34, imports for consumption.

⁹ Preliminary.

¹⁰ December indication of total shipments from 1938 crop.

Bureau of Agricultural Economics. Italic figures are census returns. Production of dried apples as reported by Giannini Foundation, Berkeley, Calif. Production of canned apples as reported by trade sources. 1 case of canned apples assumed to weigh 36 pounds; 1 case of canned apple sauce, 30 pounds.

TABLE 209.—Apples: Production and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938

State and division	Production						Price for crop of—	
	Total			Commercial ¹			1937	1938 ²
	Average 1927-36 ³	1937 ⁴	1938 ⁵	Average 1927-36	1937	1938 ⁶		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars
Maine.....	1,498	1,147	858	953	769	823	0.98	1.10
New Hampshire.....	964	1,204	623	662	867	400	1.04	1.20
Vermont.....	758	1,175	475	499	835	290	.98	1.10
Massachusetts.....	2,927	3,465	2,524	2,081	2,598	1,413	.94	1.05
Rhode Island.....	376	345	308	255	255	176	1.19	.95
Connecticut.....	1,422	2,122	1,659	957	1,500	946	1.06	1.00
New York.....	17,125	24,340	16,380	11,444	12,863	9,800	.66	.80
New Jersey.....	3,484	5,463	4,067	2,336	3,600	2,750	.76	.70
Pennsylvania.....	9,465	16,728	9,338	3,742	6,500	3,800	.67	.80
North Atlantic.....	38,019	55,989	36,232	22,927	29,787	20,098	.73	.84
Ohio.....	6,065	12,636	3,565	2,964	6,000	1,950	.63	1.00
Indiana.....	1,840	3,757	1,410	812	1,700	633	.73	.90
Illinois.....	4,099	8,960	2,912	2,823	5,900	1,950	.72	1.00
Michigan.....	7,731	14,432	7,095	4,869	8,500	4,800	.86	.85
Wisconsin.....	1,660	2,080	1,107	408	500	310	.79	.90
Minnesota.....	841	737	694	156	150	130	1.00	1.00
Iowa.....	1,320	1,174	1,305	274	240	340	.90	.95
Missouri.....	2,207	4,214	588	1,157	2,300	206	.69	1.10
South Dakota.....	113	44	101	—	—	—	1.22	1.10
Nebraska.....	527	477	753	232	230	350	1.04	.95
Kansas.....	1,074	1,449	742	725	978	500	.85	.95
North Central.....	27,507	49,960	20,272	14,399	26,398	11,163	.67	.93
Delaware.....	1,388	2,750	1,771	1,146	2,144	1,450	.67	.65
Maryland.....	1,920	2,847	2,118	1,266	1,750	1,350	.63	.70
Virginia.....	11,533	18,090	10,080	7,609	10,391	6,800	.67	.70
West Virginia.....	5,780	10,004	4,800	3,410	5,800	3,150	.86	.78
North Carolina.....	2,928	4,505	1,961	597	875	480	.63	.78
South Carolina.....	267	363	245	—	—	—	.87	.85
Georgia.....	1,000	1,483	964	398	520	400	1.02	.90
South Atlantic.....	24,815	39,952	21,939	14,427	21,180	13,630	.61	.71
Kentucky.....	1,816	3,870	801	316	600	130	.92	1.00
Tennessee.....	1,723	3,354	654	245	450	120	1.27	1.00
Alabama.....	629	878	672	—	—	—	.97	.90
Mississippi.....	178	219	192	—	—	—	1.12	1.10
Arkansas.....	1,394	2,295	364	845	1,288	200	.64	.95
Louisiana.....	19	16	17	—	—	—	1.13	1.15
Oklahoma.....	379	648	234	65	135	45	.83	.95
Texas.....	130	170	91	—	—	—	1.00	1.00
South Central.....	6,266	11,450	3,025	1,471	2,533	495	.96	.96
Montana.....	480	562	540	330	320	310	.67	.70
Idaho.....	4,859	4,960	3,953	3,759	3,100	2,500	.55	.75
Wyoming.....	42	48	42	—	—	—	1.00	1.05
Colorado.....	1,968	1,457	1,982	1,744	1,116	1,700	.73	.70
New Mexico.....	770	1,132	547	573	818	400	.84	1.10
Arizona.....	78	91	83	31	38	32	1.45	1.55
Utah.....	617	506	544	418	316	345	.77	.65
Nevada.....	45	40	46	—	—	—	1.30	1.05
Washington.....	31,372	30,450	31,100	24,892	22,450	21,300	.64	.90
Oregon.....	4,590	3,900	4,142	2,905	2,154	2,500	.70	.80
California.....	9,288	10,292	7,435	4,945	5,520	4,202	.31	.35
Western.....	54,120	53,432	50,414	39,597	35,835	33,280	.68	.79
United States.....	150,728	210,783	131,882	92,821	115,735	78,675	.67	.82

¹ Includes some quantities in some States not harvested on account of market conditions as follows: 2,100,000 bushels in 1931; 4,220,000 in 1932; 4,600,000 in 1933; 50,000 in 1934; 4,000,000 in 1935, and 12,526,000 in 1937. Prices apply only to the harvested portion of the crop.

² Preliminary.

³ Included in total crop. By commercial crop is meant that portion of the total crop which is sold for consumption as fresh fruit.

Bureau of Agricultural Economics.

TABLE 210.—Apples: Carlot shipments, by principal areas, from crops of 1928-88

Group and season beginning June	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Total eastern:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1928.....	196	1,867	2,881	11,645	23,355	8,210	3,512	3,665	2,899	2,170	1,258	766	284	62,708
1929.....	512	1,697	2,651	10,426	18,068	5,634	2,438	2,780	2,581	2,440	1,307	602	303	51,439
1930.....	388	1,915	1,732	6,194	14,370	6,990	2,820	3,161	2,715	1,857	666	357	91	43,236
1931.....	339	1,714	1,015	7,121	18,624	9,139	3,151	4,168	3,947	2,837	1,348	574	228	54,205
1932.....	231	1,101	805	4,866	11,100	4,496	1,936	2,474	2,261	1,652	996	636	281	32,835
1933.....	247	1,008	579	4,507	8,014	3,212	1,608	2,126	1,670	1,681	710	285	79	25,726
1934.....	99	492	626	3,395	7,999	2,482	1,703	2,037	1,610	1,289	970	472	150	23,324
1935.....	1224	906	557	4,288	9,197	2,832	1,479	1,441	2,403	1,874	1,673	573	201	27,648
1936.....	125	641	425	2,701	6,009	2,238	1,400	1,384	1,643	1,034	457	155	65	18,277
1937 ¹	216	927	469	3,999	8,419	3,251	1,170	1,779	2,580	1,964	1,526	518	196	27,014
1938 ²	193	632	698	3,617	5,567	1,864	1,542	1,458	1,361	1,228	515	314	-----	-----
Total western:														
1928.....	34	1,585	1,449	7,760	22,546	11,564	4,797	4,109	4,850	3,248	1,686	944	250	64,822
1929.....	2	325	1,140	3,570	19,621	9,014	3,544	3,443	3,816	2,777	2,355	1,372	383	51,362
1930.....	32	1,412	1,198	7,165	22,482	10,761	5,415	4,787	4,521	3,896	2,430	1,714	725	66,538
1931.....	61	1,435	966	5,890	12,286	5,481	4,188	4,085	4,344	3,635	2,401	1,838	916	47,526
1932.....	14	1,509	882	3,902	12,978	6,320	4,192	3,921	3,698	3,368	1,864	1,356	553	44,587
1933.....	14	594	995	1,833	8,445	6,031	5,187	4,665	3,001	2,684	1,551	1,107	524	36,541
1934.....	177	688	1,277	7,114	9,442	5,243	4,037	3,754	4,356	3,428	2,187	707	241	42,521
1935.....	407	1,036	2,469	9,437	4,794	3,990	3,371	3,991	3,613	2,957	1,724	548	38,537	
1936.....	4	752	639	5,073	9,851	5,212	3,772	3,365	2,895	2,636	2,548	1,491	511	38,749
1937 ¹	701	768	2,143	8,030	5,176	4,822	4,383	3,720	3,648	2,452	1,562	490	37,912	
1938 ²	312	479	2,200	7,611	5,489	5,186	4,137	3,424	3,623	2,516	1,737	-----	-----	-----
Total United States:														
1928.....	230	3,452	4,330	19,405	45,901	19,774	8,309	7,774	7,749	5,418	2,944	1,710	534	127,530
1929.....	514	2,022	3,791	13,996	37,089	14,645	5,982	6,223	6,397	5,217	3,662	1,974	686	102,801
1930.....	420	3,327	2,930	13,359	36,852	17,751	8,235	7,948	7,236	5,753	3,096	2,071	816	109,794
1931.....	400	3,149	1,981	13,011	30,910	14,620	7,339	8,253	8,291	6,472	3,749	2,412	1,144	101,731
1932.....	275	2,610	1,687	8,768	24,078	10,816	6,128	6,395	5,959	5,020	2,860	1,992	834	77,422
1933.....	261	1,512	1,574	6,340	16,459	9,243	6,795	6,791	4,671	4,365	2,261	1,392	603	62,267
1934.....	176	1,180	1,903	10,509	17,441	7,725	5,740	5,791	5,966	4,717	3,127	1,179	391	65,845
1935.....	1224	1,313	1,593	6,757	18,834	7,626	5,469	4,812	6,394	5,487	4,630	2,297	749	66,185
1936.....	129	1,393	1,064	7,774	15,860	7,450	5,172	4,749	4,538	3,670	3,965	1,646	576	57,026
1937 ¹	216	1,628	1,287	6,142	16,449	8,427	6,009	6,162	6,300	5,612	3,978	2,080	686	64,926
1938 ²	193	944	1,177	5,817	13,178	7,353	6,728	5,625	4,785	4,851	3,031	2,051	-----	-----

¹ Includes shipments in May as follows: 1935, eastern and United States, 1 car; 1934, western and United States, 3 cars; 1938, eastern and United States, 2 cars.

² Beginning January 1938 figures are preliminary.

³ Includes shipments for emergency relief as follows: 1935, 1,442 cars; 1936, 11 cars; 1937, 5,971 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country. Western includes Montana, Wyoming, Colorado, New Mexico, and all States west of these; all other States are eastern.

Western cars contain approximately 35 percent more apples than the eastern cars. Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 211.—Apples: Carlot shipments, by State of origin, from crops of 1928-37

State	Crop of—									
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ¹
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Maine.....	227	1,333	969	164	1,216	795	155	67	27	8
New Hampshire.....	355	322	719	71	220	538	43	11	3	4
Vermont.....	324	630	490	591	609	472	61	181	39	212
Massachusetts.....	388	275	975	48	180	622	25	39	34	40
New York.....	13,671	9,253	15,429	9,090	10,579	6,663	5,295	3,750	2,813	3,844
New Jersey.....	354	331	906	200	158	104	61	110	167	124
Pennsylvania.....	2,796	2,401	2,765	3,313	2,913	1,120	3,834	2,543	2,397	1,842
Ohio.....	1,547	438	196	1,643	391	219	202	245	29	704
Indiana.....	528	186	210	611	112	98	22	90	5	185
Illinois.....	5,046	2,326	3,388	4,779	1,884	870	1,720	1,958	477	2,091
Michigan.....	2,651	4,053	1,884	2,819	1,393	2,084	1,112	1,607	1,650	2,493
Wisconsin.....	432	595	151	139	138	249	112	294	136	281
Missouri.....	1,758	758	541	1,295	217	772	156	783	30	934
Kansas.....	516	670	249	1,252	33	942	141	203	45	340
Delaware.....	1,352	820	1,353	724	819	402	172	402	444	541
Maryland.....	1,722	1,852	1,378	2,048	976	683	655	1,007	1,175	1,176
Virginia.....	20,282	16,705	7,402	17,172	6,990	5,958	6,575	10,495	5,207	8,709
West Virginia.....	6,608	7,385	3,381	6,987	3,772	2,638	3,471	3,521	3,563	4,791
Arkansas.....	1,265	417	331	331	106	123	31	43	-----	6
Montana.....	527	391	388	252	237	95	134	41	-----	78
Idaho.....	6,508	7,119	6,972	5,354	4,324	4,871	3,344	5,251	2,688	4,121
Colorado.....	2,904	2,322	1,082	1,093	1,361	683	482	446	1,396	392
New Mexico.....	305	966	212	280	110	8	213	22	121	14
Utah.....	611	196	1,089	3	479	14	33	10	203	39
Washington.....	41,317	34,220	45,217	34,558	30,822	26,311	32,887	27,737	28,397	27,893
Oregon.....	6,447	2,680	5,624	2,139	3,324	1,748	3,131	2,066	3,074	2,561
California.....	6,300	3,462	6,953	3,847	3,930	2,811	2,297	2,935	2,864	3,014
Other States.....	859	695	620	938	129	374	73	299	36	210
Total.....	127,530	102,801	109,794	101,731	77,422	62,267	65,845	*66,185	*57,026	†64,926

¹ Preliminary.² Includes shipments for emergency relief as follows: 1935, 1,442 cars; 1936, 11 cars; 1937, 5,971 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 212.—Apples: Average price per bushel received by farmers, United States, 1928-38

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average ¹
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	1.56	1.06	0.97	0.99	1.08	1.19	1.24	1.30	1.34	1.32	1.44	1.53	1.08
1929.....	1.51	1.39	1.31	1.38	1.36	1.43	1.43	1.54	1.55	1.60	1.68	1.74	1.39
1930.....	1.45	1.06	1.03	.98	.97	.99	1.04	1.06	1.05	1.17	1.22	1.31	1.02
1931.....	1.08	.77	.71	.59	.61	.65	.66	.66	.71	.79	.83	.92	.66
1932.....	.86	.65	.57	.57	.57	.62	.65	.66	.70	.79	.85	.89	.60
1933.....	.87	.75	.73	.70	.73	.80	.89	.97	1.04	1.09	1.14	1.22	.78
1934.....	1.00	.82	.82	.84	.89	.94	.99	1.04	1.05	1.10	1.14	1.17	.89
1935.....	.96	.78	.69	.64	.69	.77	.81	.84	.87	.86	.92	1.07	.72
1936.....	.94	.96	.89	.97	1.06	1.13	1.19	1.30	1.33	1.43	1.57	1.56	1.06
1937.....	1.12	.82	.72	.62	.62	.67	.70	.67	.66	.67	.72	.77	.61
1938.....	.81	.70	.78	.80	.86	.90	.95	.96	.98	1.00	1.02	-----	†.87

¹ Preliminary.

Bureau of Agricultural Economics; based upon returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighing State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 536.

TABLE 213.—Apples: Average wholesale price per bushel, New York, 1929-38

Variety and season beginning September	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Average
Baldwin:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1929.....			1.80	2.02	1.93	1.89	1.91	¹ 2.02		1.93
1930.....		¹ 1.19	1.14	1.25	¹ 1.36	¹ 1.53	¹ 1.59	2.00	¹ 2.09	1.52
1931.....				1.82	1.91	1.93	1.06	1.23	¹ 1.19	1.02
1932.....			1.85	1.72	1.08	1.11		1.09	1.02	.98
1933.....			.85	.84	.89	1.04	1.39	1.33	1.44	1.06
1934.....		1.13		1.33	1.44	1.42	1.41		1.53	1.38
1935.....		.61	.72	.93	.95	.97	.89	.99	1.02	.88
1936.....		1.06	1.18	1.34	1.39	1.49	1.70	2.04	2.12	1.54
1937.....		.69	.74	.75	.79	.77	.77	.74	.83	.76
1938.....		.82	.96	1.07	1.08	1.16	1.18	1.23		
McIntosh (New York State):										
1929.....	2.98	2.45	2.59	2.57	2.58	2.76	3.54	¹ 4.25		2.96
1930.....	1.62	1.67	1.72	1.64	1.53	1.60	¹ 1.97	2.13	¹ 2.53	1.82
1931.....	1.38	1.70	1.78	1.79	1.85		2.11	2.12	¹ 1.76	1.81
1932.....	1.06	1.13	1.18	1.10	1.15	1.13	1.25	1.53		1.19
1933.....	1.10	1.15	1.37	1.46	1.51	1.60	1.70	1.97		1.48
1934.....	1.61	1.95	2.05	1.98	1.88	1.96	1.65	1.61	1.95	1.85
1935.....	.98	1.08	1.34	1.35	1.27	1.31	1.27	1.45	1.48	1.28
1936.....	1.50	1.85	1.99	1.92	1.85	2.03	2.53	2.50	2.83	2.09
1937.....	1.15	1.21	1.37	1.32	1.25	1.25	1.24	1.25	1.18	1.25
1938.....	1.28	1.82	1.86	1.70	1.70	1.72	1.82	1.77		
Greening:¹										
1929.....	2.19	2.22	2.07	2.19	2.20	2.25	2.44			2.22
1930.....	1.09	1.06	1.17	1.33	1.28	1.36	1.64			1.28
1931.....		1.08	1.28	1.26	1.16	1.07	1.23			1.18
1932.....		.72	.76	.78	.71	.75	.93	¹ 1.27		.85
1933.....	.98	1.03	1.21	1.18	1.34	1.55				1.22
1934.....	1.13	1.11	1.30	1.23	1.23	1.21	1.28	1.24		1.22
1935.....	.79	.73	1.01	1.07	1.01	1.12	1.02			.96
1936.....	1.09	1.19	1.36	1.33	1.31	1.39	1.68			1.34
1937.....	.70	.77	.92	.89	.80	.79	.92	.79	.79	.82
1938.....	.72	.86	.95	.97	1.04	1.16	1.30	1.33		

¹ Less than 10 quotations.² Includes Rhode Island Greening and Northwestern Greening.

Bureau of Agricultural Economics. Compiled from daily market reports from the Bureau representative at New York.

Average prices as shown are based on stock of good merchantable quality and condition, 2½ inches minimum in less than carlot quantities; they are simple averages of daily range of selling prices. Average for season is simple average of monthly averages.

TABLE 214.—Apples: Average auction price per box, New York, 1934-38

Variety and season beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Gravenstein:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1934.....	2.11	2.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.06
1935.....	1.54	1.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.57
1936.....	2.20	1.99	1.60	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.96
1937.....	1.83	1.29	.89	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.29
1938.....	1.95	.84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winter Banana:
1934.....	1.59	1.43	1.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.48
1935.....	1.50	1.20	1.16	.70	.....	.....	.....	.95	.....	.....	.....	.....	1.41
1936.....	1.69	1.37	1.30	1.26	1.22	.....	.....	.....	.....	.....	.....	.....	1.36
1937.....	1.46	.97	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.22
1938.....	1.11	1.28	.....	.98	.....	.....	.....	.....	.....	.....	.....	.....
Delicious:
1934.....	2.03	1.90	1.93	1.90	1.75	1.72	1.70	1.99	2.22	2.08	.....	1.86
1935.....	2.10	1.76	2.00	1.92	1.75	1.88	1.79	1.92	1.86	1.63	1.53	1.86
1936.....	2.05	2.16	2.24	2.38	2.48	2.68	2.72	2.84	3.02	2.97	1.65	2.50
1937.....	2.05	2.02	1.85	1.77	1.58	1.56	1.51	1.54	1.54	1.34	.....	1.65
1938.....	2.38	2.14	1.97	1.94	1.92	1.96	2.12	2.16	.....	.....	.....	.....
Jonathan:
1934.....	2.50	1.68	1.47	1.57	1.39	.....	.....	.....	.....	.....	.....	.....	1.60
1935.....	1.57	1.41	1.59	1.09	.....	.....	.....	.....	.....	.....	.....	1.46
1936.....	1.87	1.81	1.64	1.22	1.65	.....	1.75	.....	.....	.....	.....	1.82
1937.....	1.85	1.48	1.42	1.23	.....	.....	.....	.....	.....	.....	.....	1.50
1938.....	2.07	1.89	1.59	.....	.....	.....	.....	.....	.....	.....	.....	.....
McIntosh:
1934.....	1.88	1.60	1.74	1.76	1.95	1.73	1.95	1.66	1.60	1.33	.....	.....	1.72
1935.....	1.53	.....	1.35	1.15	.85	1.16	.....	1.07	1.02	.....	.....	1.20
1936.....	1.59	1.66	1.45	1.80	1.46	2.30	.....	.....	.....	.....	.....	1.58
1937.....	1.34	1.55	1.49	1.57	1.04	.....	1.34	.....	.....	.....	.....	1.46
1938.....	1.30	1.61	1.55	1.35	.....	1.05	.....	.....	.....	.....	.....	.....
Rome Beauty:
1934.....	1.64	1.68	1.60	1.63	1.42	1.44	1.53	1.64	1.69	.....	1.35	1.57
1935.....	1.83	1.73	1.86	1.79	1.59	1.77	1.54	1.59	1.34	1.06	.....	1.66
1936.....	1.87	2.03	1.88	1.91	1.99	1.97	1.87	2.12	2.39	.....	.92	1.95
1937.....	1.88	1.55	1.45	1.44	1.33	1.37	1.48	1.43	1.27	.....	.....	1.47
1938.....	2.10	1.81	1.81	1.73	1.71	1.64	1.60	1.65	.....	.....	.....	.....
Esopus Spitzenberg:
1934.....	1.70	1.74	1.60	1.43	1.42	1.32	1.80	.....	.....	.....	1.64
1935.....	1.72	1.84	1.63	1.63	1.24	1.27	.65	.....	.....	.....	1.68
1936.....	2.00	1.94	1.91	1.91	2.21	1.93	.....	.....	.....	.....	1.96
1937.....	1.59	1.49	1.36	1.56	1.04	.91	.89	.57	.....	.....	1.43
1938.....	2.16	1.68	1.69	1.77	1.37	.....	.....	.....	.....	.....	.....
Yellow Newtown:
1934.....	1.50	1.52	1.66	1.61	1.60	1.41	1.47	1.68	2.12	2.26	1.47	1.85
1935.....	1.93	1.77	1.78	1.65	1.60	1.71	1.80	1.76	1.56	1.75
1936.....	1.85	1.89	1.72	2.14	2.11	2.15	2.22	2.26	2.04	2.19
1937.....	1.78	1.75	1.08	1.42	1.16	1.48	1.57	1.53	1.64	1.51
1938.....	1.55	1.83	1.59	1.82	1.78	.....	.....	.....	.....
Winesap:¹
1934.....	1.35	1.63	1.47	1.49	1.45	1.79	2.28	2.59	2.59	1.81	1.81
1935.....	1.25	1.32	1.84	1.68	1.66	1.71	1.66	1.75	1.87	1.90	1.77
1936.....	1.63	.....	2.05	2.16	2.37	2.23	2.34	2.42	2.25	2.09	2.28
1937.....	1.61	1.44	1.46	1.42	1.26	1.35	1.72	1.81	2.00	1.61
1938.....	1.77	1.72	1.88	1.80	1.78	1.78	.....	.....	.....	.....
Average:
1934.....	2.11	1.89	1.71	1.74	1.80	1.76	1.61	1.59	1.59	1.83	2.17	2.41	2.11	1.78
1935.....	1.54	1.79	1.70	1.93	1.84	1.70	1.81	1.72	1.79	1.77	1.78	1.84	1.77
1936.....	2.20	1.98	1.79	2.06	2.09	2.21	2.28	2.41	2.34	2.43	2.42	2.29	2.08	2.26
1937.....	1.83	1.29	1.61	1.85	1.74	1.67	1.64	1.50	1.44	1.49	1.58	1.61	1.96	1.59
1938.....	1.95	1.85	2.04	1.89	1.87	1.88	1.87	1.96	1.92	.....	.....	.....	.....

¹ Average for season includes a price in August for old-crop apples as follows: Winesap, 1936, \$2.14; 1937, \$2.17.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter, deciduous section. Prices are weighted by number of boxes sold.

TABLE 215.—Apples: Cold-storage holdings, United States, 1928-38

BARRELS¹

Season beginning October	Oct. 1	Nov. 1	Dec. 1	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1
	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels
1928.....	452	2,978	2,880	2,354	1,678	1,128	652	319	108
1929.....	735	2,180	2,007	1,762	1,316	897	481	229	96
1930.....	500	1,571	1,456	1,197	834	482	200	86	38
1931.....	398	2,285	2,177	1,944	1,322	762	369	165	63
1932.....	389	1,242	1,349	1,209	924	609	337	182	64
1933.....	276	949	892	720	501	353	188	87	26
1934.....	209	872	797	678	506	338	172	68	17
1935.....	320	979	950	789	637	435	205	86	22
1936.....	66	313	307	253	176	121	42	15	3
1937.....	135	501	483	411	322	218	83	32	13
1938.....	177	383	320	221	149	81	26	9	5

BUSHEL BASKETS

	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets
1928.....	1,084	4,932	5,057	4,240	3,204	2,171	1,308	590	220
1929.....	1,793	6,379	6,613	5,507	4,005	2,805	1,555	763	309
1930.....	1,882	6,748	6,946	5,996	4,469	2,855	1,300	571	193
1931.....	2,032	9,787	10,817	9,681	7,694	5,182	2,737	1,269	465
1932.....	2,342	9,881	10,533	9,117	7,610	5,355	3,035	1,259	646
1933.....	2,851	8,632	8,577	7,388	6,680	3,923	2,062	930	298
1934.....	3,370	10,858	10,555	8,922	6,937	5,084	3,225	1,557	468
1935.....	3,307	12,607	12,814	11,489	9,820	7,250	4,640	2,146	857
1936.....	3,904	11,763	11,641	9,795	7,631	5,021	2,654	1,226	479
1937.....	5,421	17,653	18,727	16,819	14,356	10,917	6,983	3,365	1,134
1938.....	6,784	16,234	15,051	12,509	9,742	7,035	4,089	2,082	756

BOXES²

	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1928.....	1,854	12,333	17,452	15,853	12,358	7,995	4,889	2,224	631
1929.....	2,901	11,045	15,235	13,108	10,149	7,282	4,780	2,446	761
1930.....	2,135	15,669	21,267	19,137	15,347	11,371	6,852	3,083	1,425
1931.....	3,203	15,472	16,849	14,617	11,761	8,789	5,886	3,392	1,364
1932.....	2,414	12,873	14,852	12,794	10,124	7,179	4,462	2,463	938
1933.....	1,587	11,067	13,874	11,857	9,239	6,591	3,766	1,965	809
1934.....	8,279	17,750	18,037	15,713	12,329	7,839	4,185	1,804	562
1935.....	3,263	15,283	17,390	15,201	12,944	9,374	6,052	2,946	1,074
1936.....	3,339	12,743	13,624	11,865	9,201	6,809	4,580	2,258	899
1937.....	1,012	12,204	15,878	13,952	10,958	7,969	4,807	2,318	796
1938.....	1,394	12,887	14,804	13,037	10,520	7,959	4,972	2,598	894

TOTAL³

	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1928.....	4,893	26,109	31,177	27,154	20,626	13,551	8,153	3,772	1,174
1929.....	4,900	23,901	28,139	23,902	18,102	12,778	7,787	3,895	1,358
1930.....	5,618	27,129	32,580	28,725	22,317	15,672	8,751	4,612	1,731
1931.....	6,429	32,115	34,197	30,129	23,421	16,287	9,729	6,167	2,019
1932.....	5,922	26,481	29,433	25,539	20,109	14,244	8,682	4,701	1,770
1933.....	5,247	22,545	25,128	21,403	16,422	11,374	6,306	3,185	1,185
1934.....	12,276	31,224	30,983	26,670	20,784	13,938	7,926	3,564	1,080
1935.....	7,530	30,828	33,054	29,058	24,675	17,928	11,307	5,349	1,997
1936.....	7,441	25,445	26,486	22,357	17,360	12,193	7,360	3,529	1,387
1937.....	7,438	31,420	36,054	32,004	25,280	19,540	12,039	5,779	1,969
1938.....	8,679	30,270	30,815	26,209	20,709	15,237	9,139	4,707	1,665

¹ Mostly in eastern and central United States.² Mostly western apples.³ 1 barrel is considered the equivalent of 2 boxes or 3 bushel baskets.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments.

TABLE 216.—Apples: International trade, averages 1925-34, annual 1935-37¹

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ²	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
United States.....	14,448	137	14,331	54	11,706	24	8,897	19	7,901	23
Canada.....	3,626	542	6,362	263	7,624	129	4,881	198	5,162	308
Australia.....	2,160	0	3,867	0	3,636	0	4,185	0	3,848	0
Italy.....	1,597	0	1,658	0	802	0	2,308	0	2,294	0
Belgium.....	1,122	303	1,065	911	262	1,390	348	1,607	248	1,970
Rumania.....	617	41	380	4	456	0	1,086	0	752	0
Yugoslavia.....	783	2	1,236	2	1,585	0	420	0	315	1
New Zealand.....	565	31	1,142	10	787	3	933	3	752	4
Total.....	25,035	1,016	30,041	1,244	26,858	1,546	23,567	1,827	22,262	2,306
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	0	14,247	0	15,720	0	16,434	0	12,681	0	12,491
Germany.....	34	8,415	79	9,174	1	3,652	1	5,563	1	5,218
Sweden.....	0	754	45	662	4	591	18	637	16	609
Denmark.....	1	684	23	521	28	50	6	24	30	17
France.....	1,876	608	1,795	2,022	909	1,505	3,326	1,532	1,186	1,284
Ireland.....	2	469	4	429	5	280	2	311	-----	302
Netherlands.....	1,309	422	750	928	568	720	278	878	884	699
Egypt.....	0	2	379	1	227	1	253	-----	-----	193
Norway.....	0	202	0	145	2	111	0	95	1	117
Brazil.....	0	191	0	183	0	253	0	253	0	268
Finland.....	0	173	0	112	0	93	0	152	0	244
Cuba.....	0	96	0	56	0	73	0	80	0	-----
Poland.....	18	88	32	289	2	141	0	61	5	7
Total.....	3,242	26,733	2,729	30,461	1,520	24,139	3,633	22,529	2,123	21,499

¹ Foreign weights are converted to bushels on the basis of 48 pounds per bushel; domestic, 1 barrel equals 3 boxes (or bushels).

² Preliminary.

³ Year ended June 30.

⁴ 4-year average.

⁵ Includes pears and quinces.

⁶ 3-year average.

⁷ Includes pears.

Bureau of Agricultural Economics. Compiled from official sources.

TABLE 217.—Apricots: Production, season average price per ton received by farmers, and value, California; quantity dried in California and quantities canned in Western States, 1919-38¹

Year	Production	Price	Farm value	Production of dried and canned apricots in terms of fresh fruit		Year	Production	Price	Farm value	Production of dried and canned apricots in terms of fresh fruit	
				Dried	Canned					Dried	Canned
	Short tons	Dollars	1,000 dollars	Short tons	Short tons		Short tons	Dollars	1,000 dollars	Short tons	Short tons
1919	172,000	80.00	13,760	85,250	-----	1929	215,000	63.00	13,545	121,550	77,570
1920	108,000	85.00	9,180	52,250	-----	1930	200,000	39.00	7,476	130,900	35,580
1921	100,000	50.00	5,000	66,000	20,918	1931	277,000	29.00	7,917	205,700	38,470
1922	163,000	70.00	11,410	85,250	64,908	1932	270,000	17.70	4,549	194,150	32,873
1923	210,000	25.00	5,250	165,000	28,405	1933	288,000	29.70	7,960	206,250	46,689
1924	142,000	46.00	6,532	88,000	37,280	1934	139,000	53.45	7,430	92,400	37,739
1925	150,000	54.00	8,100	99,000	40,047	1935	216,000	45.60	9,850	141,900	60,597
1926	176,000	63.00	11,088	103,400	61,718	1936	248,000	37.55	9,312	177,100	54,227
1927	208,000	57.00	11,856	137,500	56,761	1937	311,000	37.00	11,507	187,000	104,145
1928	175,000	50.00	8,750	121,550	38,120	1938	176,000	35.45	6,239	-----	-----

¹ Among all the 12 States reported in the 1929 census as producing apricots, California had almost 93 per cent of the production.

² Includes some quantities not harvested on account of market conditions as follows: 8,300 tons in 1930; 4,000 in 1931, and 13,000 in 1932. Price and value apply only to the harvested portion of the crop.

³ Preliminary.

Bureau of Agricultural Economics. Figures relating to dried and canned apricots compiled from trade reports. Dried apricots reduced to fresh-fruit basis at the ratio of 5.5 tons fresh to 1 ton dried. Canned reduced to fresh-fruit basis at the ratio of 55 cases (45 pounds each) packed from 1 ton fresh fruit.

TABLE 218.—*Artichokes, commercial crop: Acreage, production, season average price per box received by farmers, and farm value, California, 1925-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	<i>Acres</i>	<i>Boxes¹</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For market:	<i>Acres</i>	<i>Boxes¹</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1925.....	10,550	120	1,266	1.01	2,279	1932.....	6,330	90	570	2.10	1,197
1926.....	11,760	125	1,470	1.77	2,602	1933.....	6,350	117	743	1.24	921
1927.....	9,940	128	1,272	2.02	2,569	1934.....	8,350	127	1,060	1.00	1,060
1928.....	7,950	123	978	1.97	1,927	1935.....	9,000	113	1,017	1.70	1,729
1929.....	8,900	111	988	2.36	2,332	1936.....	9,100	95	864	2.00	1,728
1930.....	8,150	124	1,011	1.50	1,516	1937.....	10,100	80	808	2.35	1,899
1931.....	7,500	100	818	1.70	1,391	1938.....	9,700	90	873	2.15	1,877

¹ Boxes containing approximately 40 pounds.

Bureau of Agricultural Economics.

TABLE 219.—*Asparagus, commercial crop: Acreage, production, and season average price per crate and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market: ¹									
Early:				1,000 crates ²	1,000 crates ²	1,000 crates ²	Dollars	Dollars	Dollars
California.....	23,480	23,510	24,000	2,283	2,233	1,920	1.70	1.80	1.40
Georgia.....	4,110	2,700	2,100	97	76	63	1.95	1.59	1.83
South Carolina.....	8,530	8,800	8,000	334	396	368	1.95	1.66	1.73
Total or average..	36,120	35,010	34,100	2,714	2,705	2,351	1.78	1.77	1.46
Late:									
Delaware.....	1,110	1,200	1,300	94	138	150	1.60	1.50	1.35
Illinois.....	4,040	3,600	3,600	220	288	288	1.85	1.35	1.35
Iowa.....	250	300	240	14	9	16	1.90	1.25	1.30
Maryland.....	2,120	2,400	2,500	218	324	325	1.75	1.60	1.40
Massachusetts.....	³ 2,000	1,950	1,900	³ 193	181	167	³ 2.50	2.30	2.10
Michigan.....	1,250	2,000	2,100	105	240	231	1.60	1.45	1.30
Nevada.....	³ 120	80		³ 7	3		³ 1.55	1.00	
New Jersey.....	9,310	11,000	12,100	915	1,155	1,718	1.75	1.35	1.65
Oregon.....	540	950	1,000	58	133	130	1.75	1.35	1.40
Pennsylvania.....	2,280	2,680	2,800	214	263	290	1.75	1.60	1.95
Washington.....	2,060	3,600	4,200	224	540	441	1.50	1.20	1.20
Total or average..	24,940	29,760	31,740	2,242	3,274	3,746	1.78	1.44	1.55
Grand total.....	61,060	64,770	65,840	4,956	5,979	6,097	1.78	1.59	1.52
For manufacture:				Short tons	Short tons	Short tons			
California.....	42,100	43,750	47,510	54,380	51,190	44,660	70.60	90.95	71.10

¹ Includes undetermined quantities used for manufacture and frozen pack in some States other than California.² In terms of crates containing approximately 24 pounds.³ Short-time average.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments.

TABLE 220.—*Asparagus, commercial crop: Acreage, production, season average price per crate and per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market: ¹	Acres	Crates ²	1,000 crates	Dollars	1,000 dollars	For manufacture: ³	Acres	Short tons	Short tons	Dollars	1,000 dollars
1918.....	13,120	108	1,417	2.25	3,187	1918.....	11,340	1.99	22,570	65.00	1,467
1919.....	12,140	93	1,130	2.47	2,790	1919.....	14,460	1.78	25,740	85.00	2,188
1920.....	14,410	88	1,264	2.58	3,264	1920.....	15,860	1.61	25,530	110.00	2,808
1921.....	14,590	79	1,156	2.60	3,001	1921.....	17,930	1.24	22,230	70.00	1,556
1922.....	14,240	70	1,121	2.89	3,235	1922.....	20,380	1.62	30,980	85.00	2,633
1923.....	17,670	82	1,447	2.84	4,108	1923.....	23,010	1.65	37,970	100.00	3,797
1924.....	26,860	77	2,080	2.68	5,673	1924.....	24,100	1.86	44,830	100.00	4,483
1925.....	34,610	70	2,742	2.42	6,625	1925.....	29,720	1.46	43,390	78.00	3,384
1926.....	42,880	81	3,492	2.09	7,288	1926.....	40,700	1.37	55,840	66.00	3,685
1927.....	45,190	79	3,592	2.01	7,215	1927.....	43,430	1.21	52,650	70.00	3,678
1928.....	53,990	78	4,237	2.41	10,228	1928.....	41,570	1.41	58,610	79.00	4,630
1929.....	49,000	76	3,701	2.34	8,653	1929.....	42,540	1.57	66,790	82.00	5,477
1930.....	54,620	86	4,677	2.23	10,437	1930.....	41,950	1.59	66,760	81.00	5,408
1931.....	64,240	80	5,116	1.96	10,035	1931.....	37,400	1.17	45,760	75.00	3,282
1932.....	78,250	76	5,895	1.45	8,563	1932.....	32,100	1.10	35,810	51.00	1,801
1933.....	67,310	78	5,224	1.27	6,640	1933.....	48,790	1.11	54,160	46.00	2,491
1934.....	70,670	84	5,914	1.26	7,459	1934.....	42,410	1.18	50,040	67.00	3,353
1935.....	61,710	81	5,004	1.41	7,055	1935.....	48,500	1.17	56,740	76.00	4,312
1936.....	65,640	95	6,206	1.43	8,896	1936.....	42,220	1.40	59,110	79.00	4,670
1937.....	64,770	92	5,979	1.59	9,497	1937.....	43,750	1.17	51,190	90.95	4,656
1938.....	65,840	93	6,097	1.52	9,250	1938.....	47,510	.94	44,660	71.10	3,175

¹ Includes some quantities used for manufacture and frozen pack.² In terms of crates containing approximately 24 pounds.³ California only.

Bureau of Agricultural Economics.

TABLE 221.—*Asparagus: Carlot shipments, by State of origin, 1928-38*¹

Group and State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Early:	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Arizona.....				18	26	22	30	31	29	19	11
California.....	1,844	1,112	1,698	2,664	3,432	2,142	2,636	1,363	2,135	1,684	1,233
Georgia.....	158	120	145	154	75	104	88	97	81	53	64
South Carolina.....	463	507	551	590	474	584	497	494	380	302	288
Total.....	2,465	1,739	2,394	3,426	4,007	2,852	3,251	1,985	2,625	2,058	1,596
Second-early:											
Delaware.....		1	3	17							
Illinois.....	213	146	142	146	76	112	71	66	33	20	19
Maryland.....		3	24	37	35	75	79	87	58	27	7
Nevada.....				2	3	1	1	3	4	1	
New Jersey.....	34	33	53	32	4		1	3	1	1	
Oregon.....	7	31	21	8	7	1					1
Pennsylvania.....				1							
Utah.....							7		1		
Virginia.....											
Washington.....	127	107	105	67	88	50	108	23	65	50	9
Total.....	381	321	348	311	213	239	267	182	162	99	36
Late:											
Arizona.....					10	17	13	13	8	1	
California.....	31	42	47	129	99	95	98	22	46	47	41
Total.....	31	42	47	129	109	112	111	35	54	48	41
Grand total.....	2,877	2,102	2,789	3,866	4,329	3,203	3,629	2,202	2,841	2,205	1,673

¹ Early crop—California, February through July; other States, March through August. Second-early—April through July. Late—October and November.² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 222.—*Avocados: Production and season average price per ton received by farmers, California and Florida, 1924-38*

Year	California			Florida		
	Production	Price	Farm value	Production	Price	Farm value
	Short tons	Dollars	1,000 dol.	Short tons	Dollars	1,000 dol.
1924.....	130	720	94	.....	.....	.....
1925.....	230	540	124	.....	.....	.....
1926.....	620	400	248	.....	.....	.....
1927.....	320	680	218	.....	.....	.....
1928.....	1,120	330	370	.....	.....	.....
1929.....	400	638	263	420	142	60
1930.....	2,110	260	549	620	192	119
1931.....	2,520	166	418	820	145	119
1932.....	1,650	171	282	1,400	88	123
1933.....	2,450	168	412	2,200	98	216
1934.....	9,300	87	809	2,000	75	150
1935.....	5,200	172	894	1,000	95	95
1936.....	6,110	130	794	600	120	72
1937.....	5,300	152	806	2,100	95	200
1938 ¹	12,500	94	1,175	2,220	64	142

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 223.—*Beans, lima, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:									
Fall: ²				1,000 bushels ³	1,000 bushels ³	1,000 bushels ³	Dollars ⁴	Dollars	Dollars
Texas.....	Acres ⁵ 270	Acres	Acres	25			1.85		
Early									
Florida.....	1,600	2,400	4,500	132	156	338	1.80	2.50	1.50
Second early:									
Georgia.....	1,460	1,400	800	64	56	40	1.35	1.75	.80
South Carolina.....	1,170	1,200	1,400	71	60	140	1.45	1.75	1.30
Total or average.....	2,630	2,600	2,200	135	116	180	1.43	1.75	1.19
Intermediate (sec. 1):									
North Carolina.....	1,050	1,800	1,500	57	54	90	1.25	1.50	1.00
Intermediate (sec. 2):									
Maryland.....	1,170	1,000	1,100	69	60	66	1.90	1.80	1.50
New Jersey.....	2,980	3,700	3,100	222	259	186	1.65	1.45	1.45
Virginia, Eastern Shore.....	790	400	300	51	28	12	1.85	1.00	1.25
Total or average.....	4,820	5,100	4,500	335	347	264	1.71	1.48	1.45
Late:									
Virginia, Eastern Shore.....	1,040	800	650	54	16	32	1.35	1.90	1.40
Grand total.....	9,730	12,700	13,350	610	689	904	1.60	1.76	1.37
For manufacture:				Short tons ⁶	Short tons ⁶	Short tons ⁶			
New Jersey.....	2,530	10,200	13,000	1,450	5,760	7,080	102.20	80.00	75.20
Delaware.....	7,090	10,100	10,800	4,000	5,810	5,780	60.30	58.20	54.50
Maryland.....	3,080	3,100	3,400	1,470	1,430	1,560	64.40	60.30	58.30
Virginia.....	4,970	6,000	6,600	3,480	3,300	2,970	64.50	60.00	60.00
Michigan.....	3,160	3,300	4,200	1,280	1,570	3,130	57.40	45.00	59.40
Wisconsin.....	460	1,900	1,900	240	770	1,300	68.30	61.10	74.80
Other States ⁷	4,160	8,800	13,070	2,160	4,580	6,920	71.50	72.71	67.49
Total.....	25,420	43,400	52,970	14,080	23,220	28,740	67.87	66.06	64.93

¹ Bushels containing approximately 32 pounds, unshelled.² Fall crop in Texas supplies earliest new-crop movement, starting in fall preceding year shown.³ Short-time average.⁴ Reported on shelled basis.⁵ Other States includes: California, Colorado, Georgia, Illinois, Indiana, Louisiana, Minnesota, New York, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Utah, and Washington.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 224.—*Beans, lima, commercial crop: Acreage, production, season average price per bushel and per ton received by farmers, and farm value, 1924-33*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	<i>Acres</i>	<i>Bushels</i> ¹	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For manufacture:	<i>Acres</i>	<i>Lbs.</i> ²	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1924.....	2,000	86	172	1.75	301	1929.....	24,570	1,018	12,510	85.29	1,067
1925.....	2,000	100	200	1.25	250	1930.....	30,960	838	12,980	86.59	1,124
1926.....	2,000	80	160	1.80	288	1931.....	28,760	1,065	15,316	77.14	1,181
1927.....	3,530	81	285	1.79	509	1932.....	17,880	1,084	9,690	55.83	541
1928.....	5,170	52	270	3.16	853	1933.....	16,430	1,079	8,860	56.66	502
1929.....	5,050	76	386	1.90	735	1934.....	24,550	1,422	17,450	58.57	1,022
1930.....	10,960	59	649	1.49	967	1935.....	27,460	1,141	15,660	61.88	969
1931.....	11,870	67	790	1.57	1,244	1936.....	32,740	1,230	20,140	61.02	1,229
1932.....	13,120	69	908	1.08	977	1937.....	43,400	1,070	23,220	66.06	1,534
1933.....	11,850	46	546	1.02	582	1938.....	52,970	1,085	28,740	64.93	1,866
1934.....	13,350	51	683	1.24	844						
1935.....	11,000	64	702	1.48	1,036						
1936.....	11,400	76	863	1.22	1,054						
1937.....	12,700	54	689	1.76	1,216						
1938.....	13,350	68	904	1.37	1,240						

¹ Bushels containing approximately 32 pounds, unshelled.² Reported on shelled basis.

Bureau of Agricultural Economics.

TABLE 225.—*Beans, snap, commercial crop: Acreage, production, season average price per bushel and per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	<i>Acres</i>	<i>Bushels</i> ¹	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For manufacture:	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1918.....	21,210	156	3,325	1.39	4,619	1918.....	12,650	2.66	33,600	56.90	1,912
1919.....	26,080	131	3,421	1.76	6,015	1919.....	15,590	2.53	39,500	55.32	2,185
1920.....	26,320	139	3,654	1.74	6,367	1920.....	11,680	2.03	23,700	62.87	1,490
1921.....	28,970	140	4,051	1.79	7,263	1921.....	8,850	2.29	20,300	60.79	1,234
1922.....	37,850	109	4,126	1.95	8,049	1922.....	12,460	2.35	29,300	58.74	1,721
1923.....	44,490	110	4,903	2.19	10,754	1923.....	16,410	2.09	34,300	64.31	2,206
1924.....	61,520	98	6,049	1.94	11,707	1924.....	25,030	1.77	44,300	66.03	2,925
1925.....	67,560	93	6,269	1.88	11,811	1925.....	35,940	2.05	73,800	63.55	4,690
1926.....	68,840	89	6,150	1.80	11,100	1926.....	31,970	1.50	48,100	60.31	2,901
1927.....	78,920	83	6,541	1.77	11,575	1927.....	34,960	1.55	54,100	62.46	3,379
1928.....	97,320	76	7,416	1.72	12,731	1928.....	45,640	1.54	70,200	61.47	4,315
1929.....	98,690	91	8,956	1.63	14,583	1929.....	65,040	1.42	92,300	62.73	5,790
1930.....	112,090	93	10,391	1.40	13,977	1930.....	78,690	1.18	90,400	62.15	5,618
1931.....	118,500	84	9,963	1.29	12,710	1931.....	52,710	1.30	68,700	52.98	3,640
1932.....	128,700	93	12,027	.98	10,999	1932.....	31,460	1.40	43,900	57.97	1,667
1933.....	136,670	87	11,404	.92	10,220	1933.....	40,770	1.48	60,200	38.59	2,323
1934.....	173,830	88	15,382	.84	12,036	1934.....	45,100	1.47	66,100	41.41	2,737
1935.....	167,660	78	13,083	1.02	13,198	1935.....	49,590	1.64	81,500	43.06	3,509
1936.....	165,100	72	11,880	1.20	14,239	1936.....	50,180	1.62	76,500	44.46	3,401
1937.....	166,710	75	12,544	1.24	15,591	1937.....	63,120	1.67	105,300	47.82	5,035
1938.....	173,310	83	14,373	.92	13,296	1938.....	71,450	1.76	126,000	44.78	5,642

¹ Bushels containing approximately 30 pounds.² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 437,000 bushels in 1930, 150,000 in 1931, 747,000 in 1932, 263,000 in 1933, 1,060,000 in 1934, 166,000 in 1935, 80,000 in 1938.

Bureau of Agricultural Economics.

TABLE 226.—*Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:									
Fall:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	11,310	18,200	12,800	1,046	1,820	1,375	1.80	1.00	1.70
Texas.....	2,060	3,100	2,500	101	186	100	1.20	.95	1.13
Total or average.....	13,370	21,300	15,000	1,147	2,006	1,475	1.71	1.00	1.66
Early (Sec. 1):									
Florida (winter).....	15,720	28,900	30,000	1,412	1,792	2,550	2.45	1.65	1.20
Early (Sec. 2):									
California.....	5,520	7,500	7,900	664	825	1,027	1.30	1.30	1.00
Florida (spring).....	16,300	11,700	18,200	1,267	1,076	1,456	1.45	2.10	.60
Texas.....	6,810	4,200	4,500	496	294	270	1.35	1.80	.90
Total or average.....	28,630	23,400	30,600	2,427	2,195	2,753	1.40	1.76	.78
Second early:									
Alabama.....	970	900	1,000	50	50	75	1.00	1.05	.40
Georgia.....	3,300	4,500	4,000	185	180	280	.90	1.60	.50
Louisiana.....	7,570	9,200	10,400	506	596	598	1.00	1.15	.70
Mississippi.....	3,950	4,900	5,000	255	245	270	1.05	.95	.67
South Carolina.....	5,880	7,000	8,000	352	210	320	1.00	1.60	.50
Total or average.....	21,650	26,500	28,400	1,357	1,191	1,538	1.01	1.25	.61
Intermediate (Sec. 1):									
Arkansas.....	1,310	2,300	2,600	68	138	143	.95	.80	.55
North Carolina.....	7,870	13,700	12,500	545	411	625	.95	1.20	.60
Tennessee.....	1,460	1,300	1,400	100	91	140	.95	.90	.75
Virginia.....	3,860	7,400	8,500	340	407	595	1.00	.70	.60
Total or average.....	14,500	24,700	25,000	1,053	1,047	1,503	.97	.93	.61
Intermediate (Sec. 2):									
Delaware.....	250	100	100	24	10	10	1.00	1.25	.90
Illinois.....	1,420	1,600	1,800	62	80	108	1.25	1.10	.70
Maryland.....	4,080	3,900	4,100	370	292	287	1.05	1.10	.80
New Jersey.....	6,180	6,200	5,500	720	713	632	.90	1.00	.65
Total or average.....	11,930	11,800	11,500	1,176	1,095	1,037	.98	1.04	.71
Late (Sec. 1):									
Colorado.....	1,740	3,100	2,900	261	372	406	1.85	.90	.70
Michigan.....	4,600	900	1,080	446	72	119	1.10	.95	.75
New York.....	2,320	3,560	5,600	244	438	980	1.85	1.10	.90
Pennsylvania.....	1,650	3,000	2,610	236	450	483	1.00	.85	.80
Total or average.....	5,280	10,560	12,190	674	1,332	1,992	1.88	.95	.83
Late (Sec. 2):									
California.....	2,220	4,650	4,750	400	837	475	1.20	.95	.95
Louisiana.....	3,510	3,100	3,800	195	155	228	1.00	1.35	.80
Maryland.....	440	700	750	72	35	60	1.05	1.00	.90
Mississippi.....	780	1,100	820	35	48	29	1.05	.90	.80
New Jersey.....	6,320	5,800	5,100	609	522	449	1.05	1.00	1.13
North Carolina.....	590	500	1,000	40	40	40	1.10	1.20	.80
South Carolina.....	750	500	800	67	25	64	1.25	1.50	.70
Virginia.....	1,980	3,200	3,600	164	224	180	1.00	1.00	.80
Total or average.....	16,600	19,550	20,620	1,527	1,886	1,525	1.08	1.01	.94
Grand total.....	127,150	166,710	173,310	10,706	12,544	14,373	1.28	1.24	.92
For manufacture:				<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>			
Maine.....	920	1,460	1,720	2,300	3,800	5,000	46.60	43.00	45.00
New York.....	7,600	8,100	9,000	11,800	13,000	17,100	61.20	57.40	52.70
Pennsylvania.....	2,220	2,200	2,600	2,900	3,700	3,900	44.60	42.70	37.90
Indiana.....	2,480	1,200	1,270	2,300	1,800	1,800	47.50	45.60	45.00
Michigan.....	4,390	6,300	6,700	5,400	8,200	8,700	47.80	43.70	44.00
Wisconsin.....	5,850	7,300	8,700	7,700	9,500	12,200	55.90	46.30	40.00
Delaware.....	1,220	1,000	1,100	1,400	1,700	1,400	41.90	42.50	41.70
Maryland.....	8,430	10,100	12,700	11,100	16,200	21,600	46.30	42.80	37.40
South Carolina.....	650	400	300	800	400	300	37.20	35.00	31.50
Tennessee.....	2,250	1,700	1,800	3,500	2,800	2,800	40.00	43.80	40.20
Mississippi.....	1,990	2,150	2,200	1,700	1,500	1,500	40.90	39.60	35.00
Arkansas.....	1,860	2,350	3,550	1,800	2,600	6,700	44.40	43.70	38.70
Louisiana.....	1,660	1,750	1,800	1,400	1,600	1,600	38.90	40.00	35.00
Colorado.....	1,260	1,050	1,000	3,400	3,500	2,600	48.60	43.30	42.70
Utah.....	700	1,050	1,230	1,800	3,400	4,300	45.10	42.60	44.80
Washington.....	560	900	1,110	1,800	3,800	5,000	49.80	45.90	47.30
Oregon.....	740	1,710	2,200	3,200	10,800	11,700	56.20	59.20	46.80
California.....	570	1,480	1,300	2,200	6,500	5,800	71.90	63.80	62.00
Other States.....	4,800	10,370	11,270	5,600	9,700	13,200	45.43	42.33	42.50
Total.....	49,410	63,120	71,450	70,400	105,300	126,000	50.73	47.82	44.78

¹ Bushels containing approximately 30 pounds.

² Fall crop States supply earliest new-crop movement, starting in fall preceding year shown.

³ Includes some quantities not harvested on account of market conditions: Georgia, 80,000 bushels in 1938. Price refers to harvested portion of crop.

⁴ Short-time average.

⁵ Other States includes Alabama, Florida, Georgia, Idaho, Illinois, Iowa, Kansas, Kentucky, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, North Carolina, Ohio, Oklahoma, Texas, Vermont, Virginia, West Virginia, and Wyoming.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 227.—Beans, snap: Carlot shipments, by State of origin, 1927-38¹

Group and State	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Fall and early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
California.....	59	115	73	92	42	26	116	92	106	98	90	115
Florida.....	2,583	2,700	3,254	4,118	4,319	6,941	7,868	9,328	6,399	5,411	6,141	6,042
Texas.....	426	328	352	657	622	382	450	192	89	184	32	63
Total.....	3,068	3,143	3,679	4,867	4,983	7,349	8,494	9,612	6,594	5,693	6,263	6,220
Second-early:												
Alabama.....	56	61	71	63	77	96	8	56	22	3	5	9
Georgia.....	95	48	152	230	175	139	47	132	88	38	30	33
Louisiana.....	413	538	797	656	744	459	211	497	721	668	556	723
Mississippi.....	136	189	284	288	201	237	29	401	317	426	189	189
South Carolina.....	357	379	569	481	661	525	238	408	430	82	145	270
Total.....	1,057	1,215	1,873	1,718	1,858	1,456	533	1,494	1,578	1,217	925	1,224
Intermediate:												
Arkansas.....	16	55	67	128	31	28	3	1	9	44	23	26
Connecticut.....	12	12	5	5	7	7	5	2	4			
Delaware.....			4		37		17	12	17	42	4	1
Kentucky.....	2	1			1							
Illinois.....	52	43	57	44	15	10	5	3	6			7
Indiana.....												2
Maryland.....	209	234	203	348	447	225	177	216	180	276	250	138
Missouri.....		5	1			1	1					
New Jersey.....	98	109	56	92	115	53	136	163	50	118	64	21
New Mexico.....			4	1	4							
North Carolina.....	459	683	704	960	672	566	474	490	649	232	272	252
Oklahoma.....		1		12	4	7	1		3	1	7	12
Tennessee.....	44	119	116	231	78	42	15	33	36	19	15	30
Virginia.....	460	467	632	409	357	278	255	380	338	295	196	160
West Virginia.....		2										
Total.....	1,352	1,731	1,848	2,231	1,768	1,217	1,089	1,300	1,292	1,026	831	650
Late:												
Alabama.....		1	1	3								
Arkansas.....	2	14	25	2	5			1	3		16	5
California.....	1	1	4	27	50	47	57	75	59	55	53	85
Colorado.....	5	3	58	165	76	10	42	6	72	72	57	23
Georgia.....	1						1			1		
Idaho.....												
Illinois.....		1	7	4	2	8	8	3	4			1
Louisiana.....	249	284	359	88	113	66	149	272	272	264	201	285
Maine.....					1							
Maryland.....	26	12	11	4	32	13	1	1		17	26	3
Michigan.....	1	4	1	6	2	3	16	3	3	3		6
Mississippi.....	7	3	28	22	7	47	16	17	22	12	32	3
New Jersey.....	105	1	5	22	14	5	1	22		5	5	3
New York.....	31	49	69	30	98	66	15	23	21	41	22	18
North Carolina.....	45	7	32	38	39	60		8	10	16	1	
Ohio.....		1			2	1				2		
Oregon.....			1				2			4	1	
Pennsylvania.....							18	3	6	30	6	
South Carolina.....	68	60	210	201	60	38	25	65	13	66	12	26
Tennessee.....	1		16	2	5	8	1	14	2			2
Utah.....					2	2						3
Virginia.....	417	190	393	132	241	385	80	165	89	82	113	76
Washington.....			2			1		3		4		
Wisconsin.....							2		1			
Total.....	959	631	1,222	746	754	760	434	693	582	674	545	536
Grand total.....	6,436	6,720	8,622	9,562	9,363	10,782	10,490	13,099	10,046	8,610	8,564	8,630

¹ Bulk of shipments—Fall and Early, October of preceding year through July; second-early, April-July; intermediate, June-August; late, July-December.

² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country. Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included. Beginning 1931 figures include lima beans in pod.

TABLE 228.—*Beans, snap: Quantity canned in the United States, 1935-38*¹

State	1935			1936			1937			1938		
	Green	Wax	Total	Green	Wax	Total	Green	Wax	Total	Green	Wax	Total
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
Maine and Vermont.....	105	199	304	121	169	290	162	235	397	180	265	455
New York.....	797	303	1,100	776	280	1,056	922	371	1,293	960	472	1,422
Maryland and Delaware.....	1,328	19	1,347	1,658	29	1,687	2,261	34	2,296	2,367	67	2,434
Pennsylvania.....	179	36	215	228	65	293	283	80	363	225	146	371
Indiana.....	363	—	363	117	—	117	176	—	176	173	—	173
Michigan.....	580	189	769	333	78	411	472	140	612	592	218	810
Wisconsin.....	519	278	797	424	191	615	588	293	881	802	370	1,172
Iowa.....	71	—	71	8	7	15	54	—	54	88	—	88
Kentucky and Tennessee.....	166	—	166	99	—	99	209	—	209	198	—	198
Arkansas and Missouri.....	151	—	151	61	4	65	198	—	198	556	—	556
Texas.....	71	—	71	95	—	95	252	—	252	167	—	167
Colorado.....	242	39	281	157	68	225	291	65	356	183	76	259
Utah.....	164	—	164	132	33	165	221	—	221	346	—	346
Washington.....	215	—	215	162	—	162	385	—	385	302	—	302
Oregon.....	517	—	517	660	12	672	1,006	—	1,006	1,123	—	1,123
California.....	253	—	253	350	—	350	618	—	618	360	—	360
Other States.....	310	67	377	294	18	312	581	153	733	497	192	689
Total.....	6,031	1,130	7,161	5,675	954	6,629	8,681	1,371	10,052	9,109	1,806	10,915

¹ Stated in cases of 24 No. 2 cans.

Bureau of Agricultural Economics. Compiled from National Cannery Association reports. In 1933, the pack of green beans was 4,844,000 cases and wax beans 688,000 cases, or a total of 5,532,000 cases. In 1934, the pack was 5,157,000 cases of green beans and 1,143,000 cases of wax beans, or a total of 6,300,000 cases.

TABLE 229.—*Beets, commercial crop: Acreage, production, season average price per bushel and per ton received by farmers, and farm value, 1923-33*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	Acres	Bu. ¹	1,000 bu.	Dol.	1,000 dol.		Acres	Short tons	Short tons	Dol.	1,000 dol.
For market:	Acres	Bu. ¹	1,000 bu.	Dol.	1,000 dol.	For canning:	Acres	Short tons	Short tons	Dol.	1,000 dol.
1923.....	1,100	150	165	0.40	66	1929.....	6,920	5.20	36,000	17.39	626
1924.....	2,850	209	597	.64	380	1930.....	10,720	5.21	55,900	15.40	861
1925.....	2,900	202	586	.51	299	1931.....	4,750	6.34	30,100	11.76	354
1926.....	3,200	166	530	.56	296	1932.....	2,970	7.27	21,600	8.56	185
1927.....	6,980	171	1,194	.77	920	1933.....	4,040	6.14	24,800	9.72	241
1928.....	8,030	194	1,560	.69	1,082	1934.....	6,820	5.88	40,100	10.47	420
1929.....	8,910	204	1,819	.66	1,194	1935.....	8,210	5.80	47,600	10.21	486
1930.....	10,250	198	1,994	.62	1,244	1936.....	8,350	5.64	47,100	12.42	585
1931.....	11,450	196	2,276	.43	777	1937.....	12,150	5.15	62,560	11.80	738
1932.....	11,200	180	1,882	.42	709	1938.....	11,080	6.39	70,790	9.51	673
1933.....	10,940	163	1,781	.48	849						
1934.....	12,970	184	2,382	.44	1,042						
1935.....	11,160	160	1,784	.54	967						
1936.....	11,980	166	1,994	.47	810						
1937.....	9,610	179	1,716	.53	912						
1938.....	10,870	177	1,928	.38	719						

¹ Bushels containing approximately 52 pounds.² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 450,000 bushels in 1931, 5,000 in 1935, 266,000 in 1936, and 30,000 in 1938.

Bureau of Agricultural Economics.

TABLE 230.—*Beets, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:									
Early:				1,000 bushels ¹	1,000 bushels ¹	1,000 bushels ¹	Dollars	Dollars	Dollars
Texas.....	3,180	4,800	6,100	772	744	854	0.30	0.20	0.20
Second early:									
Louisiana.....	2,280	1,750	1,550	287	254	217	.45	.55	.40
Mississippi.....	310	100	100	51	12	10	.65	.40	.35
South Carolina.....	100	80	150	27	20	45	.65	1.40	.75
Total or average..	2,650	1,930	1,800	355	286	272	.49	.61	.46
Intermediate:									
New Jersey.....	1,500	1,620	1,700	421	324	425	.85	1.00	.60
North Carolina.....	430	400	200	100	100	60	.80	.80	.50
Virginia.....	470	500	700	138	150	217	.70	.75	.50
Total or average..	2,300	2,520	2,600	631	574	702	.83	.90	.56
Late:									
Pennsylvania.....	320	360	370	112	112	100	.80	.65	.45
Grand total.....	10,390	9,610	10,570	1,847	1,716	1,928	.55	.63	.38
For manufacture:				Short tons	Short tons	Short tons			
New York.....	1,730	4,000	2,500	19,500	20,800	18,500	13.90	12.40	8.80
New Jersey.....	460	1,050	760	3,100	5,400	5,200	13.50	9.50	12.40
Indiana.....	280	240	300	1,000	800	800	12.50	11.10	10.30
Michigan.....	530	970	1,090	2,900	4,800	7,500	9.80	9.40	9.00
Wisconsin.....	1,960	3,300	3,400	13,100	15,800	24,500	9.00	10.30	8.90
Oregon.....	460	600	380	2,000	5,000	2,000	21.10	19.40	14.00
Other States ²	1,180	1,990	2,650	6,300	9,960	12,280	13.18	11.55	10.10
Total.....	6,600	12,150	11,080	37,900	62,560	70,780	11.99	11.80	9.51

¹ Bushels containing approximately 52 pounds.² Includes some quantities not harvested on account of market conditions: North Carolina, 30,000 bushels in 1938. Price refers to harvested portion of crop.³ Short-time average.⁴ Other States includes California, Colorado, Delaware, Georgia, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Virginia, and Washington.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments.

TABLE 231.—*Beets: Carlot shipments, by State of origin, from crops of 1934-37¹*

Group and State	Crop of—				Group and State	Crop of—			
	1934	1935	1936	1937		1934	1935	1936	1937
Fall and early:					Intermediate—Con.				
California.....	Cars 1	Cars 12			Tennessee.....	Cars	Cars	Cars	Cars 1
Florida.....		1			Virginia.....	286	251	127	131
Texas.....	820	562	692	566	Total.....	292	261	129	137
Total.....	821	575	692	566	Late:				
Second early:					Illinois.....	39	40	24	30
Louisiana.....	6	7		5	Michigan.....	16	1	17	28
Mississippi.....		2			Minnesota.....	1			
South Carolina.....	8	40	22	19	New York.....	98	136	35	105
Total.....	14	49	24	24	Ohio.....	1	5	6	2
Intermediate:					Washington.....	1			
Missouri.....	2				Wisconsin.....	13	1	1	
New Jersey.....	1				Total.....	169	183	83	167
North Carolina.....	23		2		Grand total.....	1,296	1,068	928	894
Oklahoma.....		1		1					

¹ Bulk of shipments: Fall and early crop, Texas, November of preceding year through May; other States, February and March; second early, March through May; intermediate, May and June; late, August through April of following year.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

² Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 232.—*Blackberries, dewberries, and loganberries: Carlot shipments, by State of origin, 1933-38*¹

State	1933	1934	1935	1936	1937	1938 ²	State	1933	1934	1935	1936	1937	1938 ²
	Cars	Cars	Cars	Cars	Cars	Cars		Cars	Cars	Cars	Cars	Cars	Cars
Alabama.....	1	10	1	5	2	---	Oregon.....	9	3	---	1	11	2
Georgia.....	---	---	---	---	---	---	Washington.....	40	158	82	76	59	84
Kentucky.....	6	5	4	---	---	---	Other States.....	5	7	2	1	---	2
Michigan.....	7	7	1	---	1	---	Total.....	76	214	113	87	82	93
North Carolina..	8	24	23	4	9	5							

¹ Crop-movement season extends from May through October of a given year.² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 233.—*Cabbage, commercial crop: Acreage, production, season average price per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	Acres	Short tons	Short tons	Dollars	1,000 dollars	For sauerkraut:	Acres	Short tons	Short tons	Dollars	1,000 dollars
1918.....	100,050	7.52	752,500	24.30	18,283	1918.....	14,770	7.84	115,800	10.79	1,249
1919.....	86,470	6.76	584,400	26.50	15,485	1919.....	7,700	6.17	47,500	11.26	535
1920.....	112,910	8.08	1,013,700	17.99	18,237	1920.....	8,260	8.06	66,600	9.46	630
1921.....	95,780	6.52	624,700	25.75	16,084	1921.....	7,220	8.98	64,800	13.50	875
1922.....	117,150	7.83	917,500	13.23	12,138	1922.....	15,610	10.31	161,000	6.60	1,063
1923.....	87,890	7.57	665,600	24.98	16,626	1923.....	17,620	9.46	166,600	9.50	1,582
1924.....	108,590	8.80	955,700	17.20	16,434	1924.....	11,210	10.84	121,500	7.09	861
1925.....	113,880	7.88	897,200	18.04	16,187	1925.....	8,770	10.29	90,200	7.44	671
1926.....	115,610	8.12	938,500	18.05	16,943	1926.....	11,290	10.37	117,100	6.65	779
1927.....	117,740	8.56	1,007,900	15.82	15,940	1927.....	12,720	12.37	157,500	6.68	1,051
1928.....	114,070	7.18	818,600	23.59	19,311	1928.....	17,210	8.91	153,300	9.64	1,464
1929.....	126,890	6.95	881,600	20.04	17,664	1929.....	20,530	8.43	173,000	10.22	1,768
1930.....	126,150	6.35	801,300	22.57	18,089	1930.....	28,100	7.61	213,800	7.74	1,654
1931.....	141,090	6.61	1,933,200	11.13	9,691	1931.....	19,210	7.11	136,500	6.03	823
1932.....	136,350	6.39	1,871,400	13.40	11,349	1932.....	16,160	9.40	151,900	4.11	625
1933.....	129,390	5.83	1,754,200	18.53	13,857	1933.....	16,440	5.80	95,400	11.21	1,069
1934.....	193,390	6.42	1,241,700	9.19	10,387	1934.....	25,710	8.39	215,700	6.35	1,369
1935.....	150,730	6.54	1,985,300	13.85	13,578	1935.....	16,500	8.17	134,800	5.17	697
1936.....	166,400	5.89	1,979,500	21.26	19,882	1936.....	18,980	6.06	115,100	13.17	1,516
1937.....	166,400	6.12	1,018,900	14.31	14,270	1937.....	24,840	5.99	148,900	9.68	1,442
1938.....	168,620	7.70	1,298,200	9.62	11,694	1938.....	17,670	11.00	194,400	5.27	1,024

¹ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 62,300 tons in 1931, 16,000 domestic and 8,300 Danish in 1932, 5,500 in 1933, 110,900 in 1934, 5,300 in 1935, 53,800 in 1936, 21,900 in 1937, and 82,000 in 1938.

Bureau of Agricultural Economics.

TABLE 234.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, average 1927-36, annual 1937 and 1938

FOR MARKET AND SAUERKRAUT¹

Group and State	Acreage			Production			Price for crop of—		
	Average, 1927-36	1937	1938	Average, 1927-36	1937	1938	Average, 1927-36	1937	1938
Fall: ²	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
South Carolina.....	860	2,700	2,000	5,900	18,900	13,000	32.00	14.00	18.00
Virginia, Norfolk.....	150	100	100	600	600	600	34.50	20.00	24.00
Total or average....	1,010	2,800	2,100	6,500	19,500	13,600	32.19	14.21	18.24
Early:									
California.....	5,620	8,200	7,700	35,700	52,500	59,300	19.80	15.10	13.20
Florida.....	5,960	8,500	9,400	33,800	51,000	61,100	32.40	16.00	16.00
Louisiana.....	3,850	5,500	5,000	14,500	18,200	21,000	22.00	23.00	14.60
Texas.....	24,780	36,000	24,000	135,500	154,800	96,000	16.50	10.10	17.00
Total or average....	40,210	58,200	46,100	219,500	276,500	237,400	20.02	12.75	15.59
Second early:									
Alabama.....	2,060	1,400	1,400	11,600	8,400	7,000	26.50	27.00	12.50
Georgia.....	1,430	3,100	4,400	6,300	14,000	23,900	25.80	25.00	18.00
Mississippi.....	4,170	6,400	6,900	20,700	32,000	37,300	28.40	30.80	8.00
North Carolina.....	1,060	1,800	2,200	4,500	7,200	17,600	29.00	30.00	8.00
South Carolina.....	2,700	2,500	4,000	22,200	20,000	36,000	32.40	16.00	6.80
Virginia.....	4,340	3,400	3,300	19,600	17,800	16,600	27.44	17.55	12.50
Eastern Shore.....	1,720	1,600	1,700	8,600	8,800	9,400	25.80	17.00	12.50
Norfolk.....	2,620	1,800	1,600	11,000	9,000	7,200	28.40	18.00	12.50
Total or average....	15,760	18,600	22,200	84,900	99,400	137,400	28.57	24.39	10.54
Intermediate:									
Arkansas.....	4,250			4,000			25.80		
Illinois.....	2,600	3,100	3,200	16,600	20,200	24,000	17.10	10.00	7.00
Iowa.....	1,510	1,200	1,100	8,500	9,000	9,400	18.10	10.00	7.00
Kentucky.....	300	300	300	1,500	2,000	2,100	28.00	18.00	15.00
Maryland.....	2,720	2,800	2,800	13,700	16,800	19,600	26.80	19.00	16.50
Missouri.....	1,150	1,200	1,200	6,100	6,600	7,800	26.80	10.00	10.00
New Jersey.....	5,470	6,300	6,900	31,100	35,900	41,400	22.40	16.00	10.00
New Mexico.....	620	750	700	3,800	4,000	3,500	25.90	19.00	18.00
New York, Long Is- land.....	1,720	2,300	2,300	16,800	18,400	19,300	21.60	18.00	16.50
North Carolina.....	3,290	5,700	6,000	18,000	39,600	33,000	17.40	9.00	15.00
Ohio, southeast.....	730	600	540	5,000	5,300	4,900	28.70	18.00	18.00
Tennessee.....	2,570	3,700	3,700	14,600	25,200	26,600	24.30	10.00	11.40
Virginia, southwest.....	3,600	4,300	3,800	17,000	30,100	22,800	18.30	9.00	8.00
Washington.....	1,880	1,500	1,600	14,800	9,800	8,000	18.70	20.00	16.00
Total or average....	28,080	33,750	34,140	166,800	223,200	222,400	20.94	12.94	11.99
Late domestic:									
Colorado.....	1,560	2,120	2,230	16,000	22,300	24,500	16.70	10.00	8.50
Indiana.....	2,480	2,000	2,380	16,900	13,200	19,800	12.60	16.00	6.50
Michigan.....	4,050	4,270	5,730	28,900	24,800	55,600	10.80	14.00	10.00
Minnesota.....	1,270	1,530	1,450	8,800	10,700	12,000	11.10	15.00	7.00
New York.....	10,410	11,050	9,820	96,500	71,800	147,300	10.10	11.00	3.60
Ohio.....	3,450	3,480	4,050	27,700	19,100	32,400	9.00	16.00	9.00
Oregon.....	1,430	1,400	1,400	10,900	10,600	9,100	17.10	18.00	16.00
Pennsylvania.....	3,940	6,930	6,930	32,000	55,400	58,900	16.30	14.00	12.00
Utah.....	480	450	420	6,100	7,200	6,000	11.50	8.00	6.00
Wisconsin.....	8,600	12,560	12,160	63,100	81,600	145,900	9.60	10.00	4.10
Total or average....	37,670	45,790	46,570	306,900	316,600	511,500	11.25	12.24	6.47
Late Danish: ³									
Colorado.....	2,230	3,100	3,250	25,100	32,600	39,000	14.30	11.00	5.00
Indiana.....	4,350	660	780	2,200	5,800	6,200	15.20	16.00	8.00
Michigan.....	820	1,100	1,600	5,700	6,500	16,800	14.20	15.00	10.50
Minnesota.....	2,050	1,560	1,400	12,900	9,400	11,200	13.50	17.00	7.70
New York.....	21,190	17,300	19,950	179,300	124,600	219,400	11.60	12.50	3.80
Ohio.....	590	700	700	4,100	4,900	4,200	13.40	17.00	9.00
Pennsylvania.....	2,070	3,570	4,000	15,700	26,800	36,000	13.70	15.00	11.00
Wisconsin.....	7,340	4,200	3,500	52,800	23,100	36,800	11.60	12.70	4.00
Total or average....	36,650	32,190	35,180	297,600	232,600	370,300	11.88	13.08	5.26
Grand total.....	159,380	191,330	186,290	1,082,200	1,167,800	1,492,600	15.59	13.71	9.02

See footnotes at end of table.

TABLE 234.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, average 1927-36, annual 1937 and 1938—Continued

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Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fall to second early.....	56,750	78,100	69,900	310,000	389,000	386,100	22.57	16.04	14.08
Intermediate:									
Illinois.....	1,990	2,510	2,870	12,500	16,400	21,300	19.40	10.10	7.10
Washington.....	1,570	1,200	1,300	12,100	7,400	5,600	20.90	22.60	18.90
Other States.....	22,510	27,680	28,270	128,700	182,100	179,200	22.35	13.03	12.70
Total or average.....	26,070	31,390	32,440	153,300	205,900	206,100	21.86	13.13	12.33
Late domestic:									
Colorado.....	1,230	1,780	2,000	12,400	18,900	21,500	18.30	10.70	5.70
Indiana.....	1,080	650	1,280	8,200	4,600	10,700	17.50	26.70	6.40
Michigan.....	2,740	2,870	4,630	19,100	17,500	44,200	12.30	15.20	10.90
Minnesota.....	940	1,320	1,250	6,100	9,800	10,600	12.70	15.60	7.20
New York.....	4,120	2,450	4,650	37,800	17,600	67,200	14.70	11.30	3.30
Ohio.....	1,230	1,080	1,620	8,900	8,800	13,000	13.20	26.00	13.10
Wisconsin.....	3,960	5,860	7,460	28,600	46,100	99,400	11.40	10.60	3.20
Other States.....	5,450	8,200	8,310	45,500	68,100	69,100	16.34	14.30	12.32
Total or average.....	20,750	24,810	31,100	166,600	191,400	335,700	14.10	13.77	7.34
Late Danish ²	36,650	32,190	35,180	297,600	232,600	370,300	11.88	13.08	5.26
Grand total.....	140,220	166,490	168,620	927,500	1,018,900	1,298,200	16.94	14.31	9.62
For sauerkraut:									
New York.....	6,280	8,600	5,270	58,700	54,200	80,100	8.30	10.90	3.80
Ohio.....	2,220	1,800	2,430	18,900	10,800	19,400	6.30	7.50	6.30
Indiana.....	1,410	1,350	1,100	8,600	8,600	9,100	7.70	10.20	6.70
Illinois.....	670	590	330	4,200	3,800	2,700	10.70	9.80	6.70
Michigan.....	1,310	1,400	1,100	9,800	7,300	11,400	6.80	11.10	6.60
Wisconsin.....	4,640	6,700	4,700	34,500	35,500	46,500	7.70	9.20	5.60
Minnesota.....	330	210	200	2,700	900	1,400	6.60	8.20	5.70
Colorado.....	330	340	230	3,600	3,400	3,000	9.40	6.30	4.70
Washington.....	310	300	300	2,700	2,400	2,400	10.50	12.00	9.00
Other States ³	1,660	3,650	2,010	11,000	22,500	18,400	9.06	8.18	7.61
Total.....	19,160	24,840	17,670	154,700	148,900	194,400	8.02	9.68	5.27

¹ Combined estimates for market and for sauerkraut are given in this portion of the table.² Fall crop States supply earliest new-crop movement, starting in fall preceding year shown.³ Includes some quantities not harvested: Early: Florida, 20,000 tons in 1937; Louisiana, 2,900 tons in 1938. Second Early: North Carolina, 4,400 tons in 1938; South Carolina, 12,000 tons in 1938; Virginia (Eastern Shore), 1,000 tons in 1937; Virginia (Norfolk), 900 tons in 1937. Intermediate: Illinois, 1,500 tons in 1938. Late domestic: Colorado, 9,300 tons in 1938; New York, 12,000 tons in 1938; Wisconsin, 22,000 tons in 1938. Late Danish: Colorado, 5,300 tons in 1938; New York, 13,000 tons in 1938. Price refers to harvested portion of crop.⁴ Short-time average.⁵ Average price of late Danish crop is computed only to Dec. 1.⁶ All of these figures are included in the upper portion of this table, but are segregated here for convenient reference.⁷ Other States includes Iowa, Maryland, New Jersey, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, Utah, and Virginia.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and sauerkraut manufacturers.

TABLE 235.—Cabbage: Carlot shipments, by State of origin, from crops of 1927-37¹

Group and State	Crop of—										
	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²
Early crop:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Alabama.....	1,803	861	857	676	1,166	817	583	1,263	227	188	553
California, northern district.....			3	5	5	2	1	2			
California, southern district.....	143	483	253	484	104	504	431	87	948	598	224
California, central district.....	119	157	71	117	66	40	32	81	148	115	60
California, Imperial Valley.....	85	64	60	134	21	216	98	100	42	81	103
Florida.....	1,051	1,168	3,136	2,271	3,261	1,521	2,873	3,347	2,196	1,917	1,539
Georgia.....	58	14	119	5	6	68	201	211	92	82	202
Louisiana.....	592	592	549	265	616	485	286	1,112	118	267	288
Mississippi.....	710	1,249	1,689	931	1,148	718	796	1,991	1,674	2,159	2,089
North Carolina.....	228	213	236	213	189	51	127	104	122	16	25
South Carolina.....	1,900	2,209	2,549	2,731	1,864	934	1,701	787	1,932	1,403	2,265
Texas.....	5,546	7,242	7,905	5,347	8,916	6,225	2,997	8,240	1,943	6,944	6,332
Virginia, Norfolk section.....	21	43	59	74	7	16	26	12	5	11	7
Total.....	12,256	14,295	17,506	13,253	17,369	11,597	10,152	17,337	9,447	13,741	13,687
Intermediate crop:											
Arizona.....	34	16	1	44	1	38	41	68	81	27	164
Arkansas.....	41	62	33	34	59	23	7	3	5	3	11
California, northern district.....	5	45	30	34	27	52	5	12	11	12	8
California, central district.....	1	30	49	60	14	21	14	35		63	
Kansas.....	71	20	40	83	40	27	37	8	30	16	23
Kentucky.....	24	33	75	25	30	3	10	12		1	
Maryland.....	293	266	428	67	75	70	163	28	25	3	2
Missouri.....	74	97	43	166	107	98	85	27	52	65	67
Nevada.....	2	3									
New Jersey.....	60	37	65	82	40	14	64	119	16	13	6
New Mexico.....	78	34	59	37	11	2	3	5			
Oklahoma.....	11	16	18	8	5	9	9		12		3
Tennessee.....	667	823	1,256	952	330	316	506	848	1,050	483	1,092
Virginia, Norfolk section.....	1,340	750	1,529	718	697	580	580	178	415	179	257
Virginia, Eastern Shore.....	562	689	1,166	509	257	166	433	175	344	100	238
West Virginia.....	39	40	26		18	5		4			
Total.....	3,300	2,961	4,819	2,809	1,708	1,424	1,957	1,522	2,041	966	1,871
Late crop:											
California, central district.....	7	19	46	3	6	1	18	4	11	8	
Colorado.....	683	1,162	810	1,164	602	464	497	197	610	613	729
Idaho.....	2	1	3				6	14		1	5
Illinois.....	193	329	296	365	188	390	71	55	80	27	61
Indiana.....	16	102	116	272	205	83	7				2
Iowa.....	435	566	442	504	184	425	169	87	184	52	137
Maine.....	27	24	22	13	9	3	29	3	1		
Massachusetts.....	3			5		5					
Michigan.....	375	428	256	153	137	329	85	298	52	140	117
Minnesota.....	1,009	1,493	1,200	683	493	778	692	731	470	125	242
Montana.....	18	35	12	30	7	4	10	2	1		1
Nebraska.....	3	2	8	4			7				
New Hampshire.....	3	2	4	1							
New Mexico.....	52	130	54	39	17	6	2	1	2	2	
New York.....	14,080	8,636	10,609	11,917	12,014	9,778	5,614	9,384	6,648	6,367	5,451
North Carolina.....	64	41	5	1		7		10			1
North Dakota.....											
Ohio.....	765	581	555	66	484	126	105	104	112	4	108
Oregon.....	47	65	43	27	78		300	10	1	10	167
Pennsylvania.....	420	252	302	216	194	88	173	112	121	156	143
South Dakota.....	2	5	4	1							
Utah.....	75	120	233	162	80	4	96	54	34	100	209
Vermont.....	2	2	1	4							
Virginia, other.....	797	962	1,215	471	860	288	496	533	133	112	168
Washington.....	139	82	168	85	108	49	161	45	7	75	61
Wisconsin.....	4,547	6,412	5,395	5,959	3,156	3,292	2,272	7,572	3,657	2,362	1,870
Wyoming.....	14	20	7	7	1		2				
Total.....	23,775	21,471	21,806	22,142	18,823	16,121	10,812	19,217	12,126	10,280	9,468
Grand total.....	39,331	38,727	44,131	38,204	37,900	29,142	22,921	38,076	23,614	24,987	25,026

¹ Bulk of shipments: Early crop, November of preceding year through June of year shown; intermediate crop, June through August; late crop, July through May of following year.

² Preliminary.

³ Includes shipments for emergency relief as follows: 1934, 1,207 cars; 1935, 1 car; 1936, 164 cars; 1937, 339 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 236.—Cantaloups and other muskmelons,¹ commercial crop: Acreage, production, and season average price per crate received by farmers, average 1927-36, annual 1937 and 1938

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Early:									
California, Imperial Valley.....	Acres	Acres	Acres	1,000 crates ²	1,000 crates ²	1,000 crates ²	Dollars	Dollars	Dollars
Florida.....	37,430	29,890	28,000	5,487	5,261	5,152	1.35	1.31	1.39
	420	300	700	24	16	52	1.55	1.75	1.25
Total or average.....	37,850	30,190	28,700	5,511	5,277	5,204	1.35	1.31	1.39
Second early:									
Arizona.....	10,980	9,430	10,000	1,622	1,132	1,640	1.00	1.25	1.10
Arkansas.....	3,140	2,200	2,200	204	143	143	.95	.55	.55
California, other.....	12,460	9,000	10,150	2,240	1,809	2,071	.95	1.15	1.07
Georgia.....	1,890	6,000	9,200	123	240	460	1.00	.65	.70
Nevada.....	150	250	300	19	27	32	1.10	.75	.70
North Carolina.....	2,410	5,600	6,000	192	392	240	.85	1.05	.70
Oklahoma.....	620	1,200	1,000	42	66	80	.80	.50	1.00
South Carolina.....	1,660	3,300	3,500	131	165	175	.85	.80	.55
Texas.....	4,930	5,200	5,400	325	364	351	.50	.90	1.00
Total or average.....	38,240	42,180	47,750	4,898	4,338	5,192	.95	1.07	.98
Intermediate:									
Delaware.....	2,650	3,600	3,800	318	396	304	.95	.60	.55
Illinois.....	910	1,000	1,000	72	53	53	1.05	.90	.75
Indiana.....	5,140	7,400	7,800	472	592	390	1.10	.85	.85
Maryland.....	7,430	8,500	9,400	760	850	705	1.05	.65	.60
New Mexico.....	1,780	1,200	1,100	210	108	104	1.10	1.25	1.35
Tennessee.....	420			20			1.15		
Washington.....	1,930	2,000	1,700	252	320	264	.80	.60	.90
Total or average.....	20,120	23,700	24,800	2,108	2,319	1,820	1.01	.72	.74
Late:									
Colorado.....	8,380	7,000	9,300	1,355	910	1,581	.85	1.25	.45
Iowa.....	740	700	650	63	63	86	1.00	.90	.60
Kansas.....	420	400	400	42	36	30	.85	.90	.75
Michigan.....	3,880	4,650	5,100	432	512	612	1.20	1.25	.85
Nevada.....	190	20		23	2		1.10	1.00	
New Jersey.....	4,150	4,100	4,300	436	492	322	1.25	1.10	.75
Ohio.....	4620	750	750	61	60	75	1.25	1.25	1.00
Oregon.....	4660	850	750	100	140	82	.85	.80	1.15
Utah.....	4450	750	750	52	90	99	.70	.75	.45
Total or average.....	19,050	19,220	22,000	2,511	2,305	2,887	.95	1.16	.65
Grand total.....	115,260	115,290	123,250	15,028	14,239	15,103	1.10	1.12	1.02

¹ Includes Honey Ball, Honey Dew, Casaba, and Persian melons not separately reported.² In terms of standard crates (45's) containing approximately 60 pounds.³ Includes some quantities not harvested on account of market conditions: California, Imperial, 1,238,000 crates in 1938; Arizona, 294,000 crates in 1938; Colorado, 632,000 crates in 1938. Price refers to harvested portion of crop.⁴ Short-time average.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 237.—Cantaloups and other muskmelons, commercial crop: Acreage, production, season average price per crate received by farmers, and farm value, 1918-38¹

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Crates²</i>	<i>1,000 crates</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates²</i>	<i>1,000 crates</i>	<i>Dollars</i>	<i>1,000 dollars</i>
For market:						For market:					
1918.....	51,640	133	7,847	1.92	15,088	1929.....	108,670	139	17,242	1.31	22,672
1919.....	65,020	152	9,860	1.52	14,998	1930.....	129,010	122	15,760	1.21	19,069
1920.....	72,500	144	10,475	1.59	16,705	1931.....	138,310	128	17,750	1.00	17,382
1921.....	78,830	143	11,298	1.37	15,502	1932.....	135,780	125	16,931	.83	11,492
1922.....	99,520	128	12,730	1.82	23,122	1933.....	109,100	118	12,916	.79	9,530
1923.....	80,430	139	11,163	1.95	21,793	1934.....	97,500	125	12,202	1.09	13,353
1924.....	93,930	142	13,329	1.44	19,202	1935.....	114,280	118	13,452	.91	11,931
1925.....	93,710	150	14,015	1.49	20,819	1936.....	111,890	120	13,410	1.02	13,280
1926.....	102,510	140	14,285	1.31	18,736	1937.....	116,230	124	14,230	1.12	15,908
1927.....	105,230	142	14,932	1.48	22,061	1938.....	123,250	123	15,103	1.02	13,137
1928.....	102,840	153	15,689	1.32	20,785						

¹ Includes Honey Ball, Honey Dew, Casaba, and Persian melons not separately reported.² In terms of standard crates (45's) containing approximately 60 pounds.³ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 433,000 crates in 1931, 3,102,000 in 1932, 863,000 in 1933, 850,000 in 1935, 410,000 in 1936 and 2,164,000 in 1938.

Bureau of Agricultural Economics.

TABLE 238.—Cantaloups and other muskmelons: Carlot shipments, by State of origin, 1927-38¹

Variety and State of origin	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Cantaloups:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Indiana.....	365	450	387	172	278	239	136	278	100	191	136	96
Michigan.....	74	52	16	13	16	13	29	4				
Delaware.....	427	427	285	193	233	190	172	194	233	121	146	74
Maryland.....	1,159	1,002	561	274	847	264	116	120	178	130	64	35
North Carolina.....	606	304	88	16	110	178	199	174	134	233	79	
South Carolina.....	179	94	44	125	89	224	319	119	444	138	176	33
Georgia.....	108	104	70	133	80	81	118	84	138	91	70	19
Arkansas.....	784	846	413	245	443	541	119	163	85	30	25	4
Texas.....	242	241	176	355	715	571	385	353	227	173	189	166
Colorado.....	2,995	2,110	3,195	2,754	1,733	1,765	1,593	622	1,137	865	952	1,180
New Mexico.....	415	370	352	416	612	860	234	198	272	383	277	278
Arizona.....	4,640	5,224	5,163	5,436	4,461	3,020	1,922	2,398	2,931	3,273	2,840	2,358
Utah.....	133	150	17	27	123	163	103	154	196	196	281	298
Nevada.....	239	244	381	277	150	105	36	46	20	66	18	6
Washington.....	17,674	17,077	16,737	13,037	14,694	9,067	6,960	7,247	5,919	6,242	9,211	7,719
California.....	201	202	87	222	233	168	104	82	53	60	86	18
Other States.....												
Total.....	30,241	28,975	28,148	23,827	24,375	17,215	12,549	12,298	12,146	12,171	14,795	12,452
Casaba:												
Texas.....					3							
Colorado.....									1	1	1	
Arizona.....								9				
Utah.....										1	1	
Oregon.....				4	1			2	2			
California.....				151	131	132	27	96	81	71	67	80
Total.....				155	135	132	28	107	84	72	69	80
Honey Ball:												
South Carolina.....											17	
Georgia.....						1	2	1				28
Texas.....					10		8		2			
Colorado.....					9			4		3	37	19
Arizona.....				46	4	39			8	16	30	
California.....				2,550	2,727	1,724	1,345	1,204	1,446	1,286	1,365	908
Total.....				2,696	2,750	1,764	1,355	1,209	1,453	1,305	1,449	955

See footnote at end of table.

TABLE 238.—Cantaloups and other muskmelons: Carlot shipments, by State of origin, 1927-38¹—Continued

Variety and State of origin	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Honey Dew:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Kansas.....				1	8	9	12	2				
North Carolina.....								1				
South Carolina.....									27	33	12	
Georgia.....					2			1				
Texas.....				3	19	11	2	17		7		
Idaho.....											9	
Colorado.....				1, 156	785	677	808	240	1, 047	1, 446	1, 223	1, 139
New Mexico.....									45			10
Arizona.....				225	35	15		40	70	79	422	530
Utah.....											1	
California.....				4, 720	5, 513	4, 284	2, 827	3, 778	3, 800	3, 688	4, 218	3, 044
Total.....				6, 105	6, 362	4, 946	3, 649	4, 079	4, 996	5, 254	5, 885	4, 723
Persian:												
Texas.....					2							
Colorado.....					1							
California.....				343	425	161	109	197	204	127	129	102
Total.....				343	428	161	109	197	204	127	129	102
Mixed:												
Indiana.....				12								
Illinois.....							1					
Iowa.....				2	1							
Missouri.....				3			7	1				
South Carolina.....									2	1	1	1
Georgia.....					1	1		2				
Arkansas.....									2			
Texas.....					9	1	4	3	3	6	6	14
Colorado.....				178	262	113	118	56	47	80	70	72
Arizona.....				127	42	35		21	16	57	8	12
Utah.....						3						7
Washington.....				5								
Oregon.....				1				1				
California.....				2, 825	2, 217	1, 951	1, 334	1, 326	1, 223	1, 014	1, 159	1, 157
Total.....				3, 153	2, 532	2, 104	1, 464	1, 410	1, 293	1, 158	1, 244	1, 263

Variety and State of origin	1927	1928	1929	Variety and State of origin	1927	1928	1929
Miscellaneous muskmelons:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	Miscellaneous muskmelons—Continued	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Indiana.....	50	6	2	Arkansas.....	4	8	
Illinois.....	7	1		Texas.....	1	3	
Michigan.....	3			Idaho.....			2
Iowa.....	48	75	10	Colorado.....	985	679	1, 469
Missouri.....				Arizona.....	577	677	294
Kansas.....		3	1	Utah.....		1	
North Carolina.....				Washington.....	13	14	1
South Carolina.....				Oregon.....	4		2
Florida.....	69	3		California.....	4, 732	8, 230	10, 113
Alabama.....	17	1					
Mississippi.....	6	18		Total.....	6, 516	9, 719	11, 894

¹ Crop-movement season extends as follows: Cantaloups and mixed melons, April through October; miscellaneous muskmelons, April through December; Casaba, June through December; Honey Ball, May through October; Honey Dew, April through December; Persian, July through October.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 239.—Carrots, commercial crop: Acreage, production, season, average price per bushel received by farmers, and farm value, 1923-38

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market: ¹	Acres	Bu. ²	1,000 bu.	Dollars	1,000 dol.	For market: ¹	Acres	Bu. ²	1,000 bu.	Dollars	1,000 dol.
1923.....	7,860	329	2,585	0.90	2,317	1931.....	32,030	387	12,402	.48	5,130
1924.....	10,730	352	3,773	.83	3,114	1932.....	30,690	352	10,802	.61	6,311
1925.....	14,550	280	4,081	.63	2,583	1933.....	33,810	318	10,745	.47	5,060
1926.....	16,160	313	5,054	.60	3,039	1934.....	36,650	355	12,993	.50	6,471
1927.....	19,510	320	6,240	.57	3,532	1935.....	37,340	356	13,275	.56	7,477
1928.....	21,220	299	6,340	.70	4,407	1936.....	38,470	356	13,679	.57	7,667
1929.....	28,550	373	10,648	.58	5,953	1937.....	39,610	358	14,183	.59	8,339
1930.....	29,480	367	10,807	.58	6,223	1938.....	43,320	364	15,775	.52	8,141

¹ Includes undetermined quantities used for manufacture.² Bushels containing approximately 50 pounds.

³ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 300,000 bushels in 1929, 44,000 in 1930, 1,634,000 in 1931, 375,000 in 1932, 7,000 in 1935, 245,000 in 1936, and 22,000 in 1938.

Bureau of Agricultural Economics.

TABLE 240.—Carrots, commercial crop for market: Acreage, production, and season average price per bushel received by farmers, average 1927-36, annual 1937 and 1938¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Fall: ²	Acres	Acres	Acres	1,000 bushels ³	1,000 bushels ³	1,000 bushels ³	Dollars	Dollars	Dollars
California.....	4,200	10,850	8,750	2,162	4,666	4,375	0.70	0.55	0.55
Early:									
Arizona.....	4,670	1,260	1,670	4,194	342	493	4.75	.50	1.15
Texas.....	8,530	7,800	8,600	1,514	1,248	1,204	.35	.30	.17
Total or average.....	9,070	9,000	10,270	1,669	1,590	1,697	.38	.34	.45
Second early:									
California (spring).....	7,360	9,620	12,350	3,565	4,329	5,681	.65	.80	.60
Louisiana.....	2,430	1,900	2,200	346	262	286	.45	.60	.40
Mississippi.....	660	150	150	128	15	17	.50	1.00	.30
Total or average.....	10,450	11,670	14,700	4,039	4,606	5,984	.60	.79	.59
Intermediate:									
New Jersey.....	1,250	1,400	1,450	351	350	362	.85	.90	.75
North Carolina.....	310	120	100	62	24	25	.50	.75	.85
Virginia.....	4,290	.....	180	87	.....	54	4.75	.....	.50
Total or average.....	1,730	1,520	1,730	465	374	441	.78	.89	.74
Late: ⁴									
Colorado.....	4,500	910	930	1,111	205	214	4.55	.65	.50
Illinois.....	360	240	240	155	108	120	.65	.40	.35
Indiana.....	4,90	160	190	437	77	86	4.55	.55	.25
Michigan.....	4,760	750	1,100	4,444	450	550	4.40	.45	.20
Minnesota.....	4,190	250	350	82	69	119	4.45	.50	.55
New York.....	1,990	1,700	2,700	987	816	1,242	.45	.30	.25
Ohio.....	4,610	600	600	426	300	330	4.55	.50	.50
Oregon.....	4,640	830	700	294	425	250	4.35	.40	.50
Pennsylvania.....	4,380	410	440	160	168	132	4.85	.65	.55
Washington.....	4,570	700	620	4,227	329	226	4.25	.40	.45
Total or average.....	5,330	6,570	7,870	2,458	2,947	3,275	.40	.43	.34
Grand total.....	30,780	39,610	43,320	10,793	14,183	15,775	.66	.59	.52

¹ Includes undetermined quantities used for manufacture in some States.² Bushels containing approximately 50 pounds.³ Fall crop in California supplies earliest new-crop movement, starting in fall preceding year shown.⁴ Short-time average.

⁵ Includes some quantities not harvested on account of market conditions: Virginia, 22,000 bushels in 1938. Price refers to harvested portion of crop.

⁶ Average price for late States is computed only to Dec. 1.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 241.—Carrots: Carlot shipments, by State of origin, from crops of 1926-37¹

Group and State	Crop of—											
	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²
Fall and early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Arizona.....	11	11	9	108	157	254	310	306	302	852	640	764
California (October-February).....	167	644	1,216	2,449	3,307	3,484	2,270	2,862	3,778	3,433	3,544	4,659
Florida.....	3	2		8	5	10	3	3		6		
Texas.....	1,136	903	1,685	2,800	2,145	1,181	1,492	1,110	635	703	902	1,272
Total.....	1,317	1,560	2,910	5,425	5,614	4,929	4,075	4,281	4,715	4,993	5,086	6,695
Second-early:												1
Alabama.....												
California (March-September).....	390	1,719	1,722	3,646	3,890	3,919	4,047	3,470	5,674	5,397	5,956	4,883
Georgia.....					1							
Louisiana.....	70	177	99	71	84	41	17	10	4	1	1	
Mississippi.....	209	496	230	108	28	12	7	5		6	2	1
Nevada.....		1		2	6							
South Carolina.....	5	19	8	27	1		1		1	1		1
Total.....	674	2,412	2,059	38,54	4,019	3,972	4,072	3,485	5,670	5,405	5,959	4,886
Intermediate:												
Arkansas.....					1		3					
Kansas.....				1								
Kentucky.....			6	4	2							
Maryland.....				1	1	2						
Missouri.....												
New Jersey.....	45	85	67	12	14	3	5	5	12	3		2
North Carolina.....	28	11	6	33	27	12	9				1	
Oklahoma.....				33						4		
Tennessee.....		3			2	20	9	2	7	7		2
Virginia.....	10	44	137	110	67	47	6	2	4		1	9
Total.....	83	143	217	160	114	84	32	9	24	14	2	13
Late:												
Colorado.....	62	10	216	96	43	44	3	49	22	115	3	30
Idaho.....				2		1					3	6
Illinois.....	2	13	96	33	37	38	14	5	48	57	23	4
Indiana.....	32	25	19	37	107	50	19	5			2	6
Iowa.....				2		6	4	2		5		8
Massachusetts.....	37	8	3	19	4		3					
Michigan.....	77	91	208	204	141	319	92	183	151	71	208	206
Minnesota.....	84	80	59	123	62	18	32	70	12	28	42	25
Montana.....	4										9	27
Nebraska.....			1									
New York.....	1,845	2,430	1,484	2,111	2,188	1,882	1,537	1,427	1,689	1,437	989	813
Ohio.....	38	62	17	31	38	29	19	8	7	18	15	7
Oregon.....	9		11	1		31	1	14	8	22	3	3
Pennsylvania.....					1							
Utah.....	7	6	29	11	5	16	11	1	3			2
Vermont.....	1											
Washington.....	30	10	96	23	14	88	42	60	26	6	50	24
Wisconsin.....	1	4	29	17	5	7	9			8	14	5
Wyoming.....			1									
Total.....	2,220	2,730	2,269	2,710	2,645	2,529	1,786	1,796	1,966	1,764	1,361	1,166
Grand total.....	4,303	6,854	7,455	12,149	12,392	11,514	9,965	9,571	12,384	12,176	12,408	12,760

¹ Bulk of shipments: Early, October of preceding year through June; second-early, March-July, California, March-September; intermediate, May-August; late, July through June of the following year.

² Preliminary.

³ Includes 91 cars for emergency relief.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 242.—*Cauliflower, commercial crop: Acreage, production, season average price per crate received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	Acres	Crates ¹	1,000 crates	Dollars	1,000 dollars		Acres	Crates ¹	1,000 crates	Dollars	1,000 dollars
For market:						For market:					
1918.....	6,330	308	1,950	1.09	2,130	1929.....	25,820	265	6,849	0.82	5,585
1919.....	7,010	290	1,966	1.17	2,296	1930.....	28,410	212	6,030	.85	5,130
1920.....	8,630	285	2,459	1.28	3,158	1931.....	29,360	245	7,194	.77	5,554
1921.....	8,250	290	2,393	1.15	2,746	1932.....	31,800	243	7,730	.63	4,766
1922.....	9,760	282	2,749	1.55	4,255	1933.....	30,150	232	7,000	.61	4,175
1923.....	11,750	275	3,233	1.47	4,741	1934.....	28,450	232	6,604	.59	3,925
1924.....	13,000	226	2,938	1.25	3,671	1935.....	28,510	250	7,114	.72	5,003
1925.....	14,330	243	3,481	1.25	4,361	1936.....	31,080	245	7,603	.85	6,449
1926.....	22,680	260	5,898	.85	5,008	1937.....	29,150	285	8,318	.86	7,177
1927.....	18,170	247	4,481	1.16	5,179	1938.....	28,630	293	8,401	.56	4,680
1928.....	21,850	251	5,480	.99	5,433						

¹ In terms of crates containing approximately 37 pounds (1½ bushels).² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 176,000 crates in 1932, 160,000 in 1933, and 127,000 in 1935.

Bureau of Agricultural Economics.

TABLE 243.—*Cauliflower, commercial crop: Acreage, production, and season average price per crate received by farmers, average 1927-36, annual 1937 and 1938*

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Fall and winter: ¹	Acres	Acres	Acres	1,000 crates ¹	1,000 crates ¹	1,000 crates ¹	Dollars	Dollars	Dollars
Arizona.....	510	200	450	137	50	145	1.00	0.80	0.60
California.....	7,070	7,000	6,500	1,766	2,205	2,112	.65	.75	.50
Oregon (fall).....	1,030	900	850	341	198	255	.80	.45	.50
Texas.....	20	150	250	39	26	38	4.55	1.20	1.10
Total or average.....	8,660	8,250	8,050	2,259	2,479	2,550	.70	.73	.51
Early:									
California (spring).....	7,330	9,000	8,000	1,962	2,745	2,560	.75	.60	.55
Oregon (spring).....	590	240	240	90		54	4.85		.70
Total or average.....	7,860	9,000	8,240	2,043	2,745	2,614	.76	.60	.55
Late:									
Colorado.....	2,890	2,720	3,000	771	598	750	.70	.60	.40
New Jersey.....	950	1,600	1,800	147	258	342	1.75	1.25	.75
New York.....	6,100	6,400	6,580	1,140	1,790	1,740	1.00	1.53	.67
Long Island.....	3,660	4,400	4,500	765	1,320	1,282	.95	1.00	.60
Other.....	2,500	2,000	2,080	375	470	458	1.05	1.35	1.15
Utah.....	150	80	60	61	32	27	.90	1.25	1.00
Washington.....	600	1,100	900	188	415	378	.80	.60	.45
Total or average.....	10,810	11,900	12,340	2,307	3,094	3,237	.94	1.20	.59
Grand total.....	27,360	29,150	28,630	6,609	8,318	8,401	.80	.86	.56

¹ In terms of crates containing approximately 37 pounds (1½ bushels).² Fall crop States supply earliest new-crop movement, starting in fall preceding year shown.³ Includes some quantities not harvested on account of market conditions.⁴ Short-time average.⁵ There were 300 acres of spring-crop cauliflower killed by freezing weather in January.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 244.—*Cauliflower: Carlot shipments, by State of origin, 1928-38*¹

Group and State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Fall and winter:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Arizona.....	23	58	41	131	186	277	208	70	99	73	107
California.....	3,132	3,444	2,889	3,546	2,938	2,170	2,199	2,355	1,947	1,956	1,949
Florida.....	16	20	2	508	846	1,056	899	55	250	221	
Oregon.....	283	414	357	1	91	10	2				
Texas.....	51	155	18								
Total.....	3,505	4,097	3,307	4,234	4,061	2,995	3,465	3,324	2,104	2,288	2,290
Early:											
California.....	3,908	4,088	4,041	3,552	3,588	3,427	2,712	2,846	3,391	4,665	3,486
Kentucky.....							1				
Missouri.....							153	55	12		16
Oregon.....	276	88	64	115	155						
South Carolina.....											1
Virginia, Norfolk section.....	6										
Total.....	4,190	4,176	4,105	3,670	3,743	3,427	2,866	2,901	3,403	4,665	3,503
Late:											
Colorado.....	843	1,500	1,309	1,495	1,137	958	690	752	764	716	933
Idaho.....					2						
Maine.....						2	1	4			1
Michigan.....	10		3	1							
Minnesota.....	7										
New Jersey.....								17			
New Mexico.....		3									
New York, Long Island.....	359	200	93	110	139	108	156	452	670	1,064	675
New York, other.....	215	178	141	74	32	70	30	36	51	27	22
Pennsylvania.....							1				
Utah.....	150	176	89	59	29	32		10			
Virginia.....	7										
Washington.....	31	69	92	205	182	137	74	136	71	103	66
Wisconsin.....	2										
Total.....	1,625	2,123	1,727	1,944	1,521	1,307	922	1,416	1,556	1,910	1,697
Grand total.....	9,320	10,396	9,139	9,848	9,325	7,729	7,253	7,641	7,063	8,863	7,490

¹ Bulk of shipments: Fall and winter of preceding year; early, February-September; late, July-November.² Includes shipments for emergency relief as follows: 1936 crop, 82 cars in August 1936; 1937 crop, 58 cars in October and November 1936; 1938 crop, 30 cars in September 1938.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 245.—*Celery, commercial crop: Acreage, production, season average price per crate received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm Value
For market:	<i>Acres</i>	<i>Crates</i> ¹	<i>1,000 crates</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For market:	<i>Acres</i>	<i>Crates</i> ¹	<i>1,000 crates</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1918.....	14,360	299	3,857	1.86	7,186	1929.....	32,040	281	9,015	1.60	14,418
1919.....	13,680	285	3,902	2.65	10,334	1930.....	33,340	296	9,875	1.59	15,739
1920.....	15,090	278	4,196	2.09	8,768	1931.....	32,950	280	9,215	1.84	16,939
1921.....	17,020	282	4,792	2.21	10,613	1932.....	35,600	278	9,893	1.17	11,287
1922.....	17,820	264	4,713	2.05	9,683	1933.....	31,600	275	8,696	1.28	10,842
1923.....	21,660	258	5,599	1.92	10,767	1934.....	32,500	268	8,698	1.22	10,590
1924.....	23,580	263	6,202	2.04	12,666	1935.....	34,390	243	8,348	1.80	14,996
1925.....	24,420	273	6,670	1.88	12,527	1936.....	36,350	258	9,377	1.78	16,058
1926.....	23,590	258	6,086	2.08	12,658	1937.....	40,090	256	10,268	1.73	17,768
1927.....	26,810	285	7,649	1.76	13,436	1938.....	41,550	286	11,868	1.38	15,477
1928.....	29,180	269	7,850	1.86	14,636						

¹ In terms of two-thirds size (New York) crates, containing approximately 90 pounds.² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 249,000 crates in 1932, 207,000 in 1933, and 255,000 in 1938.

Bureau of Agricultural Economics.

TABLE 246.—*Celery, commercial crop: Acreage, production, and season average price per crate received by farmers, average 1927-36, annual 1937 and 1938*

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average, 1927-36	1937	1938
Fall and winter: ²	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates ¹</i>	<i>1,000 crates ¹</i>	<i>1,000 crates ¹</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	6,940	10,300	9,750	1,282	1,700	2,048	1.35	1.55	1.65
Early:									
California.....	1,570	2,700	3,400	640	1,053	1,037	1.75	2.00	1.30
Florida.....	³ 4,530	5,200	5,800	⁴ 1,362	1,430	⁴ 1,705	² 2.20	2.33	1.53
Total or average.....	² 6,150	7,900	9,200	² 2,044	2,483	2,742	² 2.02	2.19	1.43
Second early:									
California.....	1,130	1,700	1,750	⁴ 558	850	1,032	1.90	1.60	1.45
Florida.....	³ 1,780	2,300	2,200	² 465	667	585	² 2.65	1.80	1.83
Total or average.....	² 2,990	4,000	3,950	² 1,073	1,517	1,617	² 2.25	1.69	1.59
Intermediate:									
Indiana.....	³ 100	110	120	² 22	29	28	³ 1.65	2.15	2.00
Michigan.....	2,170	1,900	2,100	607	456	567	1.55	2.00	1.45
New Jersey.....	990	1,300	1,300	216	286	292	1.50	2.50	1.00
New York.....	370	400	400	100	164	160	1.80	1.55	1.50
Ohio.....	³ 640	720	750	² 152	180	202	² 2.05	2.00	1.75
Total or average.....	3,880	4,430	4,670	1,004	1,115	1,249	1.58	2.07	1.41
Late (sec. 1): ⁵									
Colorado.....	1,020	1,200	1,250	⁴ 251	324	275	1.30	1.90	1.30
Michigan.....	3,660	3,900	4,400	839	741	968	1.05	1.35	.85
New York.....	4,530	4,300	4,300	1,456	1,234	1,698	1.15	1.10	.85
Ohio.....	600	580	720	139	87	173	1.70	2.00	1.70
Oregon.....	480	820	540	198	234	281	1.35	1.50	.75
Pennsylvania.....	1,080	1,000	1,000	263	300	270	1.70	2.00	2.00
Total or average.....	11,370	11,500	12,210	3,146	2,920	3,665	1.22	1.40	1.00
Late (sec. 2): ³									
Idaho.....	³ 107			² 65			³ 1.05		
Indiana.....	³ 150	160	190	² 31	23	41	³ 1.30	1.80	1.75
New Jersey.....	530	500	200	104	95	40	1.60	1.75	1.50
Utah.....	³ 420	500	430	² 103	115	86	³ 1.65	1.70	2.00
Washington.....	³ 370	800	950	² 162	300	380	³ 1.45	1.10	.60
Total or average.....	1,470	1,960	1,770	429	533	547	1.40	1.38	.97
Grand total.....	32,480	40,090	41,550	8,862	10,268	11,868	1.59	1.73	1.33

¹ In terms of $\frac{3}{8}$ size (New York) crates, containing approximately 90 pounds.² Fall and winter crop in California supplies earliest new-crop movement, starting in fall preceding year shown.³ Short-time average.⁴ Includes some quantities not harvested on account of market conditions: Florida (early), 255,000 crates in 1938. Price refers to harvested portion of crop.⁵ A average price for late States computed only to Dec. 1.

Bureau of Agricultural Economics; estimates based on returns from crop reporters. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 247.—*Celery: Carlot shipments, by State of origin, 1927-38*¹

Group and State	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Fall and early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
California.....	6,815	6,958	8,146	6,832	7,147	6,395	4,494	5,862	5,805	5,986	6,757	7,954
Florida.....	7,499	8,413	8,831	9,838	8,245	7,931	6,987	8,352	7,251	7,580	9,090	8,500
Texas.....	1											
Total.....	14,315	15,371	16,977	16,670	15,392	14,326	11,481	14,217	13,056	13,566	15,847	16,454
Second early:												
Alabama.....												
California.....	881	1,426	1,434	1,648	1,211	1,439	1,428	716	1,148	1,532	1,172	1,415
Louisiana.....		1				2	12	8	18	15	7	3
Maryland.....			1									
Virginia.....									1	14	23	37
Total.....	881	1,427	1,435	1,650	1,213	1,451	1,430	723	1,167	1,562	1,202	1,455
Intermediate:												
Michigan.....	582	690	689	742	492	454	321	307	164	321	271	242
New Jersey.....	60	19	3	12	8	13	12	8	5	3	1	
New York.....	133	271	229	356	470	320	143	141	239	113	360	477
North Carolina.....	2											
Ohio.....	17	4	5			1						
Total.....	794	993	928	1,110	970	788	476	456	408	437	632	719
Late:												
Colorado.....	161	188	149	136	53	80	39	47	21	16	4	15
Idaho.....	46	121	262	287	97	99	63	68	15	24	10	
Illinois.....			5									
Indiana.....		4	3	3	1							
Michigan.....	1,415	1,440	1,163	864	812	407	556	404	255	281	260	131
Minnesota.....	8	3	5	7	1	1	2					1
Montana.....		2									3	
New Jersey.....	46	13	50	20	17	19	14	8				
New Mexico.....	2											
New York.....	5,760	3,921	3,618	5,065	3,498	4,398	2,386	2,437	2,574	2,534	2,043	1,975
Ohio.....	46	50	20									
Oregon.....	625	905	673	647	622	412	421	572	459	523	498	716
Pennsylvania.....	169	71	105	81	61	36	15	2		2		
Utah.....	32	52	47	37	26	6	6			8	31	2
Washington.....	16	14	51	19	70	62	77	171	224	342	351	338
Wisconsin.....		5	1									
Total.....	8,327	6,489	6,152	7,197	5,165	5,490	3,579	3,715	3,548	3,530	3,200	3,183
Grand total.....	24,317	24,280	26,490	26,627	22,740	22,055	16,972	19,111	18,179	19,095	20,881	21,811

¹ Bulk of shipments: Fall and early, October of preceding year through June; second early, May-August; intermediate, June-August; late, June-December.

² Preliminary.

³ Includes shipments for emergency relief as follows: 1937 season, 184 cars; 1938 season, 485 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 248.—*Cherries: Production, season average price per ton received by farmers, and value, 12 States,¹ 1919-38*

Year	Production ²	Price	Farm value	Year	Production ²	Price	Farm value
	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1919.....	36,320			1929.....	98,340	158.94	15,312
1920.....	49,100			1930.....	121,850	127.75	15,324
1921.....	27,880			1931.....	126,330	73.36	8,823
1922.....	60,370			1932.....	143,340	42.37	5,427
1923.....	58,190			1933.....	133,840	55.96	7,288
1924.....	79,340	134.62	10,681	1934.....	131,180	58.91	7,522
1925.....	73,850	147.16	10,868	1935.....	138,040	70.74	9,637
1926.....	107,530	144.17	15,503	1936.....	115,160	76.91	8,811
1927.....	61,350	164.16	10,071	1937.....	144,720	103.87	15,032
1928.....	93,660	156.90	14,695	1938 ³	139,140	66.36	8,915

¹ Information on production not available for Pennsylvania and Ohio prior to 1929 nor for Wisconsin, Montana, Utah, Washington, and Oregon prior to 1924.

² Production includes both sweet and sour cherries.

³ Includes some quantities not harvested on account of market conditions as follows: 2,000 tons in 1929, 1,900 in 1930, 10,150 in 1931, 15,240 in 1932, 3,600 in 1933, 3,500 in 1934, 1,800 in 1935, 4,500 in 1936, and 4,800 in 1938. Price and value apply only to the harvested portion of the crop.

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 249.—Cherries: Production in 12 States and season average price per ton received by farmers, by States, average 1927-36, annual 1936-38

State	Production ¹				Price for crop of—		
	Average 1927-36	1936	1937	1938 ²	1936	1937	1938 ²
	Short tons ³ 17, 275	Short tons 13, 280	Short tons 21, 750	Short tons 16, 360	Dollars 66. 80	Dollars 83. 00	Dollars 60. 10
New York.....							
Sweet.....	⁴ 2, 188	1, 670	1, 770	1, 440	110. 00	140. 00	93. 00
Sour.....	⁴ 16, 849	11, 610	19, 980	14, 920	60. 00	78. 00	57. 00
Pennsylvania.....	⁴ 7, 308	5, 120	9, 890	6, 560	60. 00	70. 00	70. 00
Ohio.....	⁴ 4, 499	1, 380	7, 340	3, 630	60. 00	77. 00	77. 00
Michigan.....	26, 838	29, 890	35, 840	14, 940	63. 80	84. 80	73. 20
Sweet.....		2, 260	2, 287	2, 240	110. 00	140. 00	108. 00
Sour.....		27, 630	33, 553	12, 700	60. 00	81. 00	67. 00
Wisconsin.....	7, 664	2, 790	13, 500	9, 440	60. 00	80. 00	75. 00
Montana.....	474	110	340	470	75. 00	90. 00	55. 00
Idaho.....	2, 775	1, 890	1, 600	2, 460	85. 00	110. 00	55. 00
Colorado.....	3, 300	700	3, 460	5, 280	80. 00	80. 00	45. 00
Utah.....	3, 108	3, 400	2, 100	4, 270	60. 00	110. 00	60. 00
Washington.....	³ 14, 230	³ 18, 000	13, 500	25, 500	80. 00	120. 00	60. 00
Oregon.....	³ 12, 780	³ 15, 600	13, 800	21, 400	85. 00	134. 00	54. 00
California.....	³ 18, 420	23, 000	21, 600	³ 28, 800	101. 55	169. 75	85. 35
12 States.....	³ 116, 309	³ 115, 160	144, 720	³ 139, 140	76. 91	103. 87	66. 26

¹ Production includes both sweet and sour cherries.² Preliminary.³ Includes some quantities not harvested on account of market conditions as follows: New York, 2,650 tons in 1931 and 6,740 in 1932; Washington, 2,000 tons in 1929, 1,500 in 1930, 2,500 in 1931, 4,000 in 1932, 2,500 in 1933, 2,500 in 1934, 1,000 in 1935, and 3,500 in 1936; Oregon, 400 tons in 1930, 2,000 in 1931, 2,000 in 1932, 700 in 1933, 1,000 in 1934, 800 in 1935, and 1,000 in 1936; California, 3,000 tons in 1931, 2,500 in 1932, 400 in 1933, and 4,800 in 1938. Prices apply only to the harvested portion of the crop.⁴ Short-time average.

Bureau of Agricultural Economics.

TABLE 250.—Cherries: Carlot shipments, by State of origin, 1929-38 ¹

State	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
New York.....	3	27	25	29	1	3			4	
Pennsylvania.....		5	4	10	6					1
Michigan.....	60	71	91	90	78	48	12	17		10
Wisconsin.....	128	109	22	21	25	11	5	2		1
Montana.....					2	6	2			
Idaho.....	206	282	191	205	192	119	140	84	48	105
Colorado.....	14		2			2	1		1	4
Utah.....	82	41	13	35	12	30	29	50	54	89
Washington.....	639	627	270	599	624	611	513	458	206	660
Oregon.....	359	426	128	344	261	238	277	211	95	224
California.....	838	1, 023	1, 126	734	902	827	550	788	624	749
Total.....	2, 299	2, 581	1, 872	2, 067	2, 103	1, 895	1, 529	1, 610	1, 032	1, 843

¹ Crop-movement season extends from April through September of a given year.² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 251.—*Citrus fruits: Total production, value, foreign trade, and receipts from possessions, United States, 1919-38*

ORANGES (7 STATES)

Year	Production ¹	Season average returns per box to farmers ²	Farm value	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
				Domestic exports	Imports ³	
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes
1919.....	24,783	2.92	72,272	1,591	.....	336
1920.....	32,218	1.62	52,247	2,174	.....	162
1921.....	22,539	2.71	61,151	1,393	.....	388
1922.....	32,569	1.76	57,443	2,137	.....	733
1923.....	38,406	1.22	46,789	2,620	.....	192
1924.....	30,328	2.61	79,097	1,978	11	337
1925.....	34,597	2.45	84,739	2,628	12	464
1926.....	40,062	2.32	93,024	3,612	10	311
1927.....	32,708	3.49	114,232	2,542	17	546
1928.....	55,131	1.46	80,221	5,582	14	22
1929.....	32,621	3.38	110,319	2,180	30	221
1930.....	55,362	1.21	66,812	4,936	16	97
1931.....	50,164	1.10	55,411	3,203	19	39
1932.....	51,415	.77	39,504	3,394	17	14
1933.....	47,374	1.25	57,978	3,296	21	19
1934.....	63,968	1.01	63,400	5,425	29	17
1935.....	52,073	1.36	70,200	4,309	47	5
1936.....	54,938	1.59	85,931	2,488	22	3
1937.....	74,476	.69	50,872	7,597	25	1
1938 ⁴	75,066	.65	48,682	.....	.....	.....

GRAPEFRUIT (4 STATES)

Year	Production ¹	Season average returns per box to farmers ²	Farm value	Year beginning Sept.		Receipts from Puerto Rico, year beginning July
				Domestic exports	Imports ³	
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes
1919.....	6,293	1.44	9,092	.....	.....	420
1920.....	6,576	1.50	9,852	.....	.....	668
1921.....	7,047	1.40	9,896	.....	.....	361
1922.....	8,255	1.06	8,916	260	142	461
1923.....	9,459	.44	4,167	305	136	667
1924.....	9,970	.82	8,202	430	182	580
1925.....	8,610	1.80	15,465	405	189	809
1926.....	9,846	1.20	11,848	625	177	692
1927.....	9,578	2.04	19,531	732	55	892
1928.....	13,250	.96	12,760	969	91	215
1929.....	11,169	1.92	21,456	809	127	978
1930.....	18,934	.63	11,918	1,361	78	428
1931.....	15,147	.73	11,000	1,119	120	550
1932.....	15,149	.49	7,405	905	80	266
1933.....	14,353	.70	10,098	1,000	48	421
1934.....	21,367	.44	9,258	1,022	79	215
1935.....	18,329	.78	14,209	928	103	356
1936.....	30,440	.48	14,657	704	106	146
1937.....	31,093	.43	13,362	1,004	67	127
1938 ⁴	40,824	.24	9,941	.....	.....	.....

See footnotes at end of table.

TABLE 251.—*Citrus fruits: Total production, value, foreign trade, and receipts from possessions, United States, 1919-38—Continued*

LEMONS (CALIFORNIA)

Year	Production ¹	Season average returns per box to farmers ²	Farm value	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
				Domestic exports	Imports ³	
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes
1919.....	4,138	0.94	3,890	295	.....	.....
1920.....	5,641	2.08	11,733	313	.....	.....
1921.....	4,320	2.19	9,461	193	1,320	.....
1922.....	3,775	2.98	11,250	165	1,760	.....
1923.....	6,432	.82	5,274	241	610	.....
1924.....	5,301	2.60	13,783	155	1,494	.....
1925.....	7,316	1.40	10,242	270	1,064	.....
1926.....	6,967	1.83	12,750	340	724	.....
1927.....	5,419	3.02	16,365	224	984	.....
1928.....	7,582	2.42	18,348	300	502	.....
1929.....	6,109	3.24	19,793	178	1,118	.....
1930.....	7,950	1.84	14,628	268	262	.....
1931.....	7,696	1.50	11,544	233	92	.....
1932.....	6,704	1.83	12,288	188	134	.....
1933.....	7,295	2.12	15,465	230	23	.....
1934.....	10,747	1.17	12,574	546	3	.....
1935.....	7,787	2.82	21,959	634	86	.....
1936.....	7,579	2.70	20,463	256	34	.....
1937.....	9,355	1.94	18,149	720	46	.....
1938 ⁴	10,686	1.80	19,235	.....	.....	.....

LIMES (FLORIDA)

				Year beginning July	Year beginning July
1919.....	28	2.45	69	.....	.....
1920.....	26	2.10	55	.....	.....
1921.....	33	1.75	58	.....	.....
1922.....	35	1.90	66	.....	.....
1923.....	40	2.00	80	.....	.....
1924.....	36	2.00	72	.....	49
1925.....	30	3.00	90	.....	60
1926.....	12	5.50	66	.....	57
1927.....	6	3.50	21	.....	59
1928.....	8	4.50	36	.....	61
1929.....	8	4.00	32	.....	66
1930.....	9	3.50	32	.....	75
1931.....	10	3.00	30	.....	42
1932.....	12	2.00	24	.....	52
1933.....	15	2.50	38	.....	76
1934.....	12	3.75	45	.....	123
1935.....	45	2.60	117	.....	145
1936.....	70	2.50	175	.....	103
1937.....	95	2.10	200	.....	.....
1938 ⁵.....	.....	.....	.....	.....	.....

¹ Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. The estimates cover the crop produced from the bloom of the year shown. In California, where picking continues throughout the year, the estimates are for 12-month periods beginning Nov. 1. In other States the season begins about Sept. 1.

² Equivalent "on tree" returns for all fruit.

³ Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit 80 pounds per box; lemons, 76 pounds per box; limes 80 pounds per box.

⁴ Includes the following quantities which have no farm value: Oranges—977,000 boxes in 1933, 1,395,000 in 1934, 614,000 in 1935, 1,025,000 in 1936, and 662,000 in 1937; grapefruit—181,000 boxes in 1934, 34,000 in 1935, 108,000 in 1936, and 40,000 in 1937.

⁵ As estimated from prospects on June 1, 1939.

Bureau of Agricultural Economics.

TABLE 252.—*Citrus fruit: Production and season average returns per box to farmers, by States, average 1927-36, annual 1934-38*

Crop and State	Production ¹						Price for crop of ² —				
	Average 1927-36	1934	1935	1936	1937	1938 ³	1934	1935	1936	1937	1938
Oranges:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
California, all	\$ 32,397	\$ 45,047	\$ 32,809	\$ 29,827	\$ 45,605	40,670	1.09	1.49	1.87	0.68	0.74
Valencias	\$ 17,526	\$ 26,057	\$ 18,340	\$ 16,593	\$ 28,925	23,870	1.15	1.75	2.06	.68	-----
Navels and miscellane- ous	\$ 14,871	\$ 18,990	\$ 14,469	\$ 13,234	\$ 16,680	16,800	1.00	1.17	1.62	.69	-----
Florida, all	16,121	17,600	18,000	22,500	26,700	30,900	.84	1.15	1.28	.68	.63
Early and midseason	\$ 10,475	10,700	9,600	12,000	13,700	16,500	.75	1.13	1.18	.78	-----
Valencias	\$ 6,300	4,900	6,300	7,500	10,700	11,200	1.15	1.28	1.82	.85	-----
Tangerines	\$ 2,275	2,000	2,100	3,000	2,300	3,200	.66	.85	.30	.70	-----
Texas	540	650	777	2,000	1,440	2,600	.81	.85	1.35	.87	.65
Arizona	151	170	240	220	350	350	1.18	1.65	1.19	.73	.75
Alabama	81	140	2	56	76	96	1.00	1.50	1.00	1.25	1.25
Mississippi	37	88	1	26	67	85	.58	1.42	.94	.95	.60
Louisiana	251	293	244	309	238	385	.85	1.40	1.45	1.25	.90
7 States ⁴	\$ 49,577	\$ 63,988	\$ 52,073	\$ 54,938	\$ 74,476	75,086	1.01	1.36	1.50	.69	.65
Grapefruit:											
Florida, all	12,194	15,200	11,500	18,100	14,600	21,000	.36	.77	.61	.50	.27
Seedless	\$ 4,225	4,100	4,000	6,000	5,500	7,500	.43	.96	.70	.56	-----
Other	\$ 9,650	11,100	7,500	12,100	9,100	13,500	.33	.67	.41	.46	-----
California	\$ 1,422	\$ 2,167	\$ 2,267	\$ 1,310	\$ 1,943	1,824	.75	.87	1.04	.49	.45
Texas	2,410	2,760	2,762	9,630	11,800	15,000	.67	.71	.35	.37	.19
Arizona	740	1,240	1,800	1,400	2,750	3,000	.62	.80	.62	.29	.20
4 States ⁴	\$ 16,772	\$ 21,367	\$ 18,329	\$ 30,440	\$ 31,093	40,824	.44	.78	.48	.43	.24
Lemons:											
California ⁴	7,487	10,747	7,787	7,579	9,355	10,686	1.17	2.82	2.70	1.94	1.80
Limes:											
Florida	12	15	12	45	70	95	2.50	3.75	2.60	2.50	2.10

¹ Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. The estimates cover the crop produced from the bloom of the year shown. In California, where picking continues throughout the year, the estimates are for 12-month periods beginning Nov. 1. In other States the season begins about Sept. 1.

² Equivalent "on trees" returns for all fruit.

³ As estimated from prospects on June 1, 1939.

⁴ Includes the following quantities in California which have no farm value: Oranges—572,000 boxes in 1933, 717,000 in 1934, 354,000 in 1935, 529,000 in 1936, and 346,000 in 1937; navels and miscellaneous, 405,000 boxes in 1933, 678,000 in 1934, 260,000 in 1935, 494,000 in 1936, and 316,000 in 1937; grapefruit—181,000 boxes in 1934, 34,000 in 1935, 100,000 in 1936, and 40,000 in 1937.

⁵ Short-time average.

⁶ Net content of boxes varies. In California and Arizona the approximate average for oranges is 70 pounds net and grapefruit 60 pounds; in Florida and other States oranges 90 pounds and grapefruit 80 pounds; California lemons, about 76 pounds net.

Bureau of Agricultural Economics.

TABLE 253.—*Citrus fruit: Carlot shipments, by State of origin, from crops of 1927-37¹*ORANGES²

State	Crop of—										
	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ³
California.....	<i>Cars</i> 43,093	<i>Cars</i> 68,797	<i>Cars</i> 43,053	<i>Cars</i> 64,774	<i>Cars</i> 61,615	<i>Cars</i> 56,230	<i>Cars</i> 53,329	<i>Cars</i> 71,135	<i>Cars</i> 58,573	<i>Cars</i> 42,570	<i>Cars</i> 72,820
Florida.....	16,453	32,550	17,312	33,915	22,769	30,017	30,232	27,547	28,457	36,281	43,003
Alabama.....	312	97	485	2	175	227	-----	120	-----	15	25
Mississippi.....	15	6	25	1	40	48	-----	126	-----	43	79
Louisiana.....	251	264	278	155	64	85	45	53	18	55	53
Texas.....	25	33	156	119	200	102	64	143	321	1,755	828
Arizona.....	33	66	90	90	66	106	126	143	206	186	215
Georgia.....	-----	-----	-----	-----	-----	-----	3	-----	-----	-----	-----
Total.....	60,783	101,812	61,399	99,056	84,949	86,815	83,800	90,267	87,575	80,905	117,023

GRAPEFRUIT

Florida.....	14,166	21,844	13,955	26,081	17,661	17,329	14,929	17,222	12,820	20,401	13,761
Texas.....	1,036	1,617	3,493	2,247	5,329	2,679	1,611	4,266	3,796	13,894	12,305
California.....	780	780	1,194	1,220	1,651	1,034	2,201	1,878	2,710	1,078	2,455
Arizona.....	211	272	417	436	296	407	909	1,013	2,039	1,046	2,450
Louisiana.....	-----	-----	1	2	-----	-----	-----	-----	-----	-----	-----
Total.....	16,193	24,513	19,060	29,986	24,937	21,449	19,650	24,379	21,365	36,417	30,971

LEMONS

California.....	12,745	17,181	13,564	18,377	15,710	14,702	16,973	22,569	17,937	14,895	17,168
Arizona.....	-----	-----	2	1	2	4	1	9	-----	4	-----
Total.....	12,745	17,181	13,566	18,378	15,712	14,706	16,974	22,568	17,937	14,899	17,168

MIXED CITRUS

Florida.....	6,225	9,109	8,216	14,687	8,825	8,383	7,938	6,350	6,552	8,086	8,412
California.....	1,560	1,783	1,343	1,626	1,666	1,703	1,754	2,348	2,722	1,776	2,707
Texas.....	92	185	801	288	620	275	124	180	540	1,574	1,014
Arizona.....	11	24	48	29	16	1	16	26	71	58	21
Louisiana.....	1	1	10	155	87	108	130	80	95	97	67
Total.....	7,919	11,102	10,118	16,785	11,114	10,480	9,962	9,002	9,980	11,500	12,221

¹ Crop movement season extends as follows: California and Arizona, from about Nov. 1 through October of the following year; all other States from about Sept. 1 through August of the following year.

² Includes tangerines and satsumas.

³ Preliminary.

⁴ Includes shipments for emergency relief as follows: 1935, oranges, 188 cars; grapefruit, 23 cars; 1936, grapefruit 4,746 cars; 1937, oranges, 5,088 cars, grapefruit, 795 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 254.—Grapefruit: Equivalent "on-tree" return per box (4 States), 1929-39¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	.75	.63	.61	.72	1.07	1.78	2.25	2.40	3.31	1.74	1.96	1.75
1930.....	1.80	1.73	1.85	2.10	3.21	3.23	3.55	3.35	1.60	1.12	.81	.59
1931.....	.68	.39	.53	.53	.36	.32	.92	1.15	1.19	.90	.57	.52
1932.....	.45	.44	.69	1.12	1.40	1.03	.95	1.00	1.41	1.32	.99	.64
1933.....	.48	.42	.31	.23	.15	.14	.29	.67	.87	.76	.66	.61
1934.....	.59	.63	.76	.95	.95	1.20	1.25	1.45	.70	.50	.46	.46
1935.....	.42	.49	.46	.60	.47	.49	.64	.95	.80	.90	.77	.77
1936.....	.79	.76	.72	.90	1.17	1.16	1.35	1.80	.57	.46	.33	.35
1937 ².....	.34	.42	.52	1.01	1.17	1.85	1.60	1.40	.91	.80	.65	.58
1938 ³.....	.45	.39	.43	.49	.45	.47	.57	.70	.65	.59	.28	.26
1939.....	.22	.32	.19	.27	.25							

¹ Actual price of fruit sold for fresh consumption converted to equivalent "on-tree" basis. Additional data on harvesting and marketing costs received recently have required some minor revisions in the level of this series, as published in Crops and Markets, December 1938. Prices are weighted average for Florida, Texas, California, and Arizona.

² Revised.

Bureau of Agricultural Economics.

TABLE 255.—Grapefruit, Florida and Texas: Average auction price per box, Chicago and New York, 1928-38

FLORIDA													
Market and year beginning September	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average ¹
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
Chicago:													
1929.....	3.64	3.21	2.82	2.56	2.59	2.45	2.49	2.53	2.36	2.08	1.70	.....	2.60
1931.....	4.14	3.05	2.47	2.21	2.17	2.11	2.26	2.99	3.70	3.34	.....	.....	2.63
1932.....	4.83	3.56	2.92	2.43	2.37	2.37	2.36	2.03	1.99	2.12	1.71	1.79	2.31
1933.....	2.90	2.60	2.40	2.41	2.23	2.31	2.54	2.78	2.65	2.81	2.03	.....	2.52
1934.....	3.01	2.40	2.29	1.93	1.80	2.02	1.95	2.32	2.01	1.95	1.84	.....	2.16
1935.....	2.46	2.69	2.59	2.00	2.43	2.40	2.64	2.68	2.95	3.09	.....	.....	2.68
1936 ²	2.40	2.47	1.98	1.80	1.80	1.85	2.35	2.77	2.86	3.30	3.49	.....	2.58
1937 ³	3.08	2.72	2.11	1.96	1.90	1.76	2.03	2.06	2.16	1.82	.98	.....	2.27
1938.....	2.56	1.89	2.04	1.93	1.72	1.81	1.61	1.74	.....	.....	.....	.....	.....
New York:													
1928.....	.....	4.41	4.25	3.44	3.52	3.20	3.30	3.32	3.83	4.71	6.36	.....	3.70
1929.....	5.80	4.51	4.23	4.26	4.43	4.09	4.78	5.09	4.25	3.24	3.10	.....	4.42
1930.....	4.03	3.64	3.00	2.82	2.56	2.43	2.50	2.76	2.57	2.06	1.17	.....	2.69
1931.....	4.32	3.09	2.60	2.26	2.14	1.97	2.23	2.76	3.44	3.76	3.12	.....	2.53
1932.....	3.61	3.65	3.01	2.28	2.24	2.04	1.83	1.72	1.71	1.54	1.55	1.92	2.04
1933.....	3.12	2.62	2.24	2.33	2.20	2.23	2.46	2.60	2.49	3.05	4.32	.....	2.41
1934.....	3.09	2.15	2.11	1.94	1.99	2.07	1.92	2.35	1.97	1.86	1.89	1.75	2.04
1935.....	2.47	2.81	2.84	2.39	2.59	2.56	2.51	2.76	3.01	2.93	.....	.....	2.67
1936 ⁴	2.31	2.24	1.98	2.07	2.03	1.95	2.27	2.52	2.66	3.21	2.79	.....	2.25
1937 ⁴	2.90	2.57	2.42	2.41	2.13	2.14	2.07	2.08	2.07	1.74	1.42	1.65	2.20
1938.....	2.20	1.74	1.80	1.79	1.78	1.71	1.66	1.78	.....	.....	.....	.....	.....

TEXAS

Chicago:													
1931.....	.....	2.42	2.58	2.32	2.35	2.12	2.26	2.14	.....	.....	.....	.....	2.30
1932.....	.....	2.86	2.69	2.46	2.46	2.43	2.88	1.00	.....	.....	.....	.....	2.54
1933.....	2.43	1.88	1.97	2.58	2.55	2.60	2.48	2.37	.....	.....	.....	.....	2.50
1934.....	.....	1.62	2.57	2.29	2.22	2.21	2.18	2.32	.....	.....	.....	.....	2.22
1935.....	.....	2.42	2.59	2.20	2.61	2.66	2.57	2.51	.....	.....	.....	.....	2.51
1936.....	.....	2.46	2.11	2.07	1.91	1.86	1.97	2.52	.....	.....	.....	.....	2.05
1937 ².....	.....	2.49	2.12	1.96	1.86	1.89	2.02	2.20	2.14	1.20	.....	.....	2.02
1938.....	2.33	1.94	1.96	1.85	1.95	1.91	1.71	1.85	.....	.....	.....	.....	.....

¹ Average is for months shown.

² Includes 2-bushel Bruce boxes converted to basis of standard boxes.

³ Includes an average in September 1933 of \$2.

⁴ Includes an average in August 1934 of \$3.23.

Bureau of Agricultural Economics.

Compiled as follows: Chicago, Chicago Fruit and Vegetable Reporter. New York, reports of California Fruit Growers Exchange. Prices weighted by number of boxes sold. These prices are a new series and are not comparable with those published in Yearbooks prior to 1930.

TABLE 256.—Grapefruit hearts and juice, canned: Pack in the United States and the United States receipts from Puerto Rico, 1921-37

Item and season beginning September	Domestic pack			Received from Puerto Rico		Total pack and receipts
	Florida	Texas	Other States ¹	Actual quantity ²	Equivalent cases	
Hearts:	Cases ³	Cases ³	Cases ³	Pounds	Cases ³	Cases ³
1921.....	10,000					10,000
1922.....	150,000					150,000
1923.....	200,000			3,861,555	128,718	328,718
1924.....	350,000			3,840,819	128,027	478,027
1925.....	400,000			3,348,020	211,601	611,601
1926.....	700,000			9,262,394	308,746	1,008,746
1927.....	600,000			10,733,709	357,790	957,790
1928.....	957,000			2,832,310	94,410	1,051,410
1929.....	1,316,738			12,415,247	413,842	1,730,580
1930.....	2,712,489			5,931,578	197,719	2,910,208
1931.....	907,323			4,483,485	149,450	1,056,773
1932.....	2,161,975			1,289,574	42,986	2,205,961
1933.....	2,184,577		700	4,410,944	147,031	2,332,178
1934.....	3,588,042		11,521	7,825,460	260,849	3,860,412
1935.....	2,251,775	23,614		8,212,757	273,759	2,549,148
1936.....	4,057,672	62,012		10,281,733	342,724	4,462,408
1937.....	3,419,226	124,000		5,754,067	191,802	3,735,028
Juice:				Gallons		
1928.....	205,000					205,000
1929.....	173,534					173,534
1930.....	412,066			15,574	4,615	416,681
1931.....	247,652			3,948	1,170	248,822
1932.....	725,967		3,200	9,194	2,724	731,891
1933.....	610,115		25,900	15,055	4,461	640,476
1934.....	2,236,726		451,166	41,895	12,413	2,700,305
1935.....	1,758,497	346,942	51,386	416,242	47,479	2,204,304
1936.....	3,918,604	2,245,201	103,112	697,856	206,772	6,473,689
1937.....	3,370,002	5,002,000	446,000	329,635	97,670	8,915,672

¹ Includes Texas prior to 1935, and all available data for California and Arizona.

² Reports of Department of Commerce, year beginning July.

³ Actual cases reduced to equivalent cases of 24 No. 2 cans.

⁴ Reported as "fruit juice," probably mostly grapefruit juice.

Bureau of Agricultural Economics.

1 box of fresh fruit is estimated to pack slightly more than a case of canned fruit. Figures on Florida pack were obtained as follows: 1921-27, averages of various trade estimates; 1928, estimated by the Florida Grapefruit Cannery Association; 1929 to date, complete surveys made by the Bureau of Foreign and Domestic Commerce, Department of Commerce. Figures on the pack in other States obtained from National Cannery Association and trade sources.

Considerable quantities of canned grapefruit are exported from the United States. Domestic exports for the fiscal year 1933-34 were 31,808,080 pounds, or the equivalent of 1,063,270 cases. In the fiscal year 1934-35, the domestic exports were 28,865,624 pounds, or the equivalent of 962,187 cases, and in the fiscal year 1935-36 they amounted to 29,920,805 pounds, or the equivalent of 997,360 cases. In the fiscal year 1936-37, domestic exports totaled 34,536,686 pounds, or the equivalent of 1,151,223 cases, and in 1937-38 about 34,756,116 pounds, or the equivalent of 1,158,537 cases. Puerto Rico also ships to foreign countries.

For United States production of fresh grapefruit, see table 251.

TABLE 257.—Lemons: Equivalent "on-tree" return per box, California, 1929-39¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	1.95	1.50	1.65	1.65	2.00	3.25	3.85	5.35	7.00	6.80	5.75	4.45
1930.....	2.95	2.25	2.50	3.30	3.90	3.15	4.85	3.75	2.20	1.55	1.65	1.75
1931.....	1.85	1.60	1.50	1.50	1.80	3.45	3.10	3.20	4.65	2.05	1.15	1.20
1932.....	1.05	1.15	.90	.90	1.95	1.50	3.25	4.50	5.20	4.25	2.30	2.80
1933.....	1.45	1.35	1.45	1.45	2.90	2.70	1.75	1.45	2.20	1.85	1.65	2.35
1934.....	2.05	2.20	2.00	2.00	3.15	3.10	2.85	1.95	1.70	2.05	1.65	1.50
1935.....	.95	.65	.65	.65	.65	1.35	3.20	2.55	2.15	2.90	3.15	3.20
1936.....	2.10	2.20	2.20	2.25	3.30	3.30	4.10	2.85	2.15	2.05	1.35	1.65
1937.....	3.20	2.75	2.60	2.75	3.25	3.55	3.30	3.60	3.25	3.90	4.90	3.30
1938.....	2.30	1.85	2.75	1.80	2.90	1.80	2.20	2.10	1.65	1.20	1.10	1.40
1939.....	1.30	1.45	1.50	.95	1.50							

¹ Actual prices of fruit sold for fresh consumption converted to equivalent "on-tree" basis. Additional data on harvesting and marketing costs, received recently have required some minor revisions in the level of this series, as published in Crops and Markets, December 1938.

Bureau of Agricultural Economics.

TABLE 258.—*Lemons, California: Average auction price per box, Chicago and New York, 1928-38*

Market and year beginning No- vember	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Average
Chicago:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1930.....	4.52	4.44	5.00	4.00	4.29	3.75	4.00	6.83	6.37	6.71	7.75	6.03	5.64
1931.....	3.84	4.00	3.95	4.03	3.91	3.33	4.57	4.63	5.86	6.58	8.45	8.74	5.11
1932.....	5.31	5.06	4.71	3.92	4.30	4.00	4.97	5.79	4.24	4.14	4.62	4.78	4.81
1933.....	4.10	4.84	4.72	4.35	4.60	4.03	5.04	5.62	5.86	4.72	4.09	4.85	4.99
1934.....	4.45	4.03	3.69	2.96	2.84	3.01	2.69	3.08	5.60	5.48	4.26	6.03	4.24
1935.....	5.72	6.20	5.21	4.89	5.03	4.66	6.00	5.65	7.46	5.83	5.02	5.62	5.83
1936.....	4.47	4.14	5.96	5.84	5.50	5.46	5.40	6.44	6.12	5.80	6.54	6.85	5.79
1937.....	8.32	5.84	4.56	4.22	4.58	3.54	4.34	4.29	4.29	4.31	3.81	3.77	4.55
1938.....	3.96	4.08	3.89	4.20	3.81	3.37	-----	-----	-----	-----	-----	-----	-----
New York:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1928.....	4.90	5.62	5.26	3.95	4.07	4.55	3.82	6.89	5.39	7.82	11.87	11.22	5.82
1929.....	8.70	8.63	5.68	5.06	4.81	5.51	7.24	6.15	7.26	7.93	5.36	4.23	6.42
1930.....	4.18	4.52	4.89	4.08	4.47	4.06	4.43	5.05	6.57	6.55	7.28	5.66	5.30
1931.....	3.98	4.04	3.87	3.81	3.80	3.27	4.96	4.47	5.16	7.03	8.56	8.48	5.09
1932.....	5.40	5.12	4.80	3.47	3.89	3.90	4.95	5.81	4.35	4.36	4.40	4.86	4.71
1933.....	3.95	4.24	4.73	4.35	4.90	4.19	4.89	5.71	5.47	4.82	3.84	4.35	4.75
1934.....	4.37	3.97	3.64	3.01	2.98	3.30	3.01	3.33	5.90	5.41	4.08	5.40	4.22
1935.....	5.73	6.45	4.81	4.62	5.22	4.65	6.14	5.40	7.07	5.70	5.05	4.53	5.52
1936.....	4.39	3.85	5.57	5.89	5.20	5.05	5.76	6.27	6.34	5.69	6.06	6.29	5.63
1937.....	7.90	5.82	4.52	4.10	4.65	4.14	4.34	4.12	4.13	4.41	3.62	3.27	4.46
1938.....	3.65	4.14	3.86	3.77	3.92	3.28	-----	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics.

Compiled as follows: Chicago, Chicago Fruit and Vegetable Reporter. New York, reports of California Fruit Growers Exchange. Prices weighted by number of boxes sold. These prices are a new series and are not comparable with those published in Yearbooks prior to 1930.

TABLE 259.—*Oranges, California, Valencia: Average auction price per box, Chicago and New York, 1929-38*

Market and season	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average for season ¹
Chicago:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	-----	-----	4.08	3.87	4.45	4.36	4.57	-----	-----	4.23
1930.....	5.83	7.40	7.04	7.08	7.17	7.57	8.49	6.85	-----	7.33
1931.....	-----	3.51	3.57	3.96	3.55	3.78	4.26	3.53	3.23	3.75
1932.....	2.72	3.29	3.10	3.35	2.96	3.25	3.34	3.59	3.19	3.24
1933.....	-----	-----	2.86	3.10	3.15	3.35	3.31	2.81	2.13	3.01
1934.....	-----	3.88	4.40	3.97	3.99	3.84	4.56	4.40	-----	4.16
1935.....	3.58	3.29	3.04	3.35	3.32	3.46	3.45	3.50	3.22	3.34
1936.....	-----	3.43	3.77	4.05	3.96	4.40	4.30	4.14	-----	4.08
1937.....	4.28	4.24	4.70	5.18	5.29	5.42	5.01	4.28	-----	4.97
1938.....	-----	2.65	2.78	3.07	3.14	3.07	2.72	2.94	3.46	2.94
New York:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1929.....	4.09	4.40	4.58	4.13	4.85	4.73	4.85	4.77	4.85	4.63
1930.....	6.59	7.97	7.19	7.36	7.33	7.29	8.69	7.78	-----	7.59
1931.....	-----	3.42	3.62	4.31	3.81	3.86	4.50	3.79	2.98	3.97
1932.....	2.85	3.43	3.28	3.62	3.05	3.42	3.43	3.77	4.07	3.41
1933.....	-----	3.06	2.86	3.24	3.21	3.47	3.36	2.81	1.89	3.12
1934.....	-----	3.75	4.73	3.95	4.06	3.98	4.65	4.64	-----	4.25
1935.....	3.50	3.52	3.12	3.46	3.48	3.56	3.45	3.46	3.18	3.45
1936.....	-----	3.99	3.92	4.13	4.09	4.45	4.36	4.46	-----	4.21
1937.....	4.42	4.19	4.75	5.39	5.36	5.39	5.11	4.46	5.36	5.13
1938.....	-----	2.64	2.76	3.15	3.28	3.09	2.75	2.91	3.28	3.02

¹ Average is for months shown.² Includes an average in March 1932 of \$2.73.³ Includes an average in January 1934 of \$2.24.⁴ Includes an average in February 1936 of \$3.49.⁵ Includes an average in January 1930 of \$5.18.⁶ Includes an average in January 1934 of \$2.66.⁷ Includes an average in January 1936 of \$3.76.

Bureau of Agricultural Economics.

Compiled as follows: Chicago, June 1929-October 12, 1929, average computed from unchecked records of Bureau of Railway Economics; beginning Oct. 14, 1929, from Chicago Fruit and Vegetable Reporter. New York, reports of California Fruit Growers Exchange. Prices weighted by number of boxes sold. These prices are a new series and are not comparable with those published in Yearbooks prior to 1930.

TABLE 260.—*Oranges, California, Navel: Average auction price per box, Chicago and New York, 1928-33*

Market and season beginning November	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average for season ¹
Chicago:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	5.87	4.74	4.52	3.76	3.36	3.93	3.51	-----	4.09
1929.....	6.29	5.75	5.08	5.19	6.25	6.31	6.52	-----	5.79
1930.....	5.33	3.49	3.45	3.20	3.48	3.31	4.14	-----	3.60
1931.....	3.63	3.09	2.71	3.39	3.00	3.09	3.37	-----	3.13
1932.....	3.14	2.78	2.64	2.66	2.55	2.43	2.87	3.07	2.72
1933.....	2.80	3.22	2.97	2.77	2.82	2.81	3.41	3.22	2.96
1934.....	3.26	2.68	2.83	2.91	3.15	3.32	2.74	-----	2.97
1935.....	3.78	3.41	3.06	3.21	3.09	3.14	3.47	3.19	3.23
1936.....	3.61	2.91	3.76	4.00	3.96	4.25	4.68	-----	3.81
1937.....	3.09	2.65	2.37	2.73	2.66	2.63	2.97	2.39	2.68
1938.....	2.88	2.93	2.58	2.46	2.68	2.75	-----	-----	-----
New York:									
1928.....	5.72	4.46	4.84	3.89	3.52	4.06	3.56	3.56	4.10
1929.....	5.97	5.56	4.98	4.99	5.67	6.03	6.64	-----	5.64
1930.....	5.23	3.58	3.45	3.27	3.42	3.32	3.93	3.52	3.54
1931.....	3.87	3.30	2.71	3.35	3.06	3.08	3.38	-----	3.14
1932.....	3.05	2.78	2.84	2.73	2.55	2.47	2.53	3.02	2.73
1933.....	3.25	3.09	2.82	2.79	2.72	2.65	3.23	-----	2.88
1934.....	3.26	2.66	2.75	2.81	2.98	3.26	2.89	-----	2.93
1935.....	3.92	3.43	2.95	3.21	3.03	3.03	3.37	3.83	3.17
1936.....	3.95	2.93	3.60	4.21	3.99	4.15	4.60	-----	3.84
1937.....	4.57	2.66	2.44	2.85	2.55	2.66	2.99	2.98	2.72
1938.....	2.94	3.31	2.68	2.58	2.79	2.78	-----	-----	-----

¹ Average is for months shown.² Includes an average in October 1930 of \$5.13.

Bureau of Agricultural Economics.

Compiled as follows: Chicago, November 1928-Oct. 12, 1929, average computed from unchecked records of Bureau of Railway Economics, beginning Oct. 14, 1929, from Chicago Fruit and Vegetable Reporter. New York, reports of California Fruit Growers Exchange. Prices weighted by number of boxes sold. These prices are a new series and are not comparable with those published in Yearbooks prior to 1930.

TABLE 261.—*Oranges, Florida: Average auction price per box, Chicago and New York, 1928-33*

Market and season beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average for season ¹
Chicago:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	3.45	3.00	3.16	2.97	3.01	3.14	2.70	2.91	2.70	2.34	2.96
1929.....	-----	4.15	4.18	4.03	4.41	5.15	6.76	5.71	-----	-----	4.72
1930.....	4.58	3.01	2.50	2.68	2.98	3.72	3.76	3.70	3.83	-----	3.53
1931.....	2.62	2.97	2.74	2.86	3.18	3.52	3.83	3.59	3.29	-----	3.24
1932.....	-----	3.03	2.76	2.67	2.44	2.43	2.36	2.29	2.55	2.76	2.52
1933.....	3.74	2.42	2.31	2.48	2.45	2.79	2.83	3.43	4.19	-----	2.68
1934.....	3.04	2.71	2.30	2.35	2.47	2.59	3.09	2.67	2.23	1.39	2.58
1935.....	2.99	3.07	3.01	2.91	3.21	3.07	3.16	3.73	3.74	-----	3.18
1936.....	3.30	2.69	2.44	3.04	3.38	3.83	3.80	3.52	3.67	4.03	3.33
1937.....	3.59	2.75	2.41	2.15	2.10	2.07	2.05	2.36	2.57	2.66	2.41
1938.....	2.23	1.99	1.98	1.97	2.02	2.14	2.44	-----	-----	-----	-----
New York:											
1928.....	5.08	3.71	3.55	3.45	3.20	3.30	3.55	3.33	2.99	2.92	3.40
1929.....	3.42	4.04	4.21	4.49	4.44	4.98	7.13	7.42	6.60	-----	4.94
1930.....	4.76	3.45	3.01	2.91	3.19	3.79	3.80	3.85	4.02	4.62	3.54
1931.....	2.64	3.20	3.11	3.10	3.38	3.55	3.75	3.63	3.59	4.38	3.43
1932.....	2.88	3.21	2.79	2.81	2.31	2.32	2.17	2.17	2.21	2.78	2.43
1933.....	2.47	2.49	2.36	2.44	2.43	2.84	2.75	3.55	4.66	3.26	2.78
1934.....	3.20	2.64	2.42	2.43	2.48	2.77	3.23	2.73	2.10	1.92	2.61
1935.....	2.84	3.12	2.84	2.84	3.05	2.98	2.91	3.60	3.59	3.83	3.04
1936.....	3.05	2.71	2.36	2.91	3.42	3.73	3.63	3.45	3.98	4.66	3.25
1937.....	3.50	2.64	2.40	2.22	2.08	1.96	1.93	2.29	2.23	2.27	2.26
1938.....	2.08	1.86	1.90	1.85	1.92	2.02	2.23	-----	-----	-----	-----

¹ Average is for months shown.

² Includes averages in other months as follows: New York, 1928 season, \$2.29 in August 1929; 1930 season, \$2.61 in September 1930; 1932 season, \$3.59 in August 1933; 1933 season, \$2.46 in September 1933; 1934 season, \$1.61 in August 1935; 1936 season, \$3.53 in September 1936; 1937 season, \$4.01 in September 1937.

³ Includes 2-bushel Bruce boxes converted to basis of standard boxes.

Bureau of Agricultural Economics.

Compiled as follows: Chicago, October 1928-Oct. 12, 1929, average computed from unchecked records of Bureau of Railway Economics, beginning Oct. 14, 1929, from Chicago Fruit and Vegetable Reporter. New York, reports of California Fruit Growers Exchange. Prices weighted by number of boxes sold. These prices are a new series and are not comparable with those published in Yearbooks prior to 1930.

TABLE 262.—Oranges, all: Equivalent "on tree" return per box, 4 States, 1929-39¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	1.42	.97	1.01	1.32	1.14	1.43	1.80	1.90	2.10	1.84	2.26	2.43
1930.....	2.18	2.41	3.42	4.14	5.05	4.70	4.90	4.70	5.49	3.26	1.54	.93
1931.....	.89	.95	1.13	1.44	1.26	1.46	1.50	1.25	1.60	1.62	1.20	.98
1932.....	.93	1.19	1.22	1.26	1.28	1.15	1.00	.85	1.10	1.15	1.11	.84
1933.....	.74	.57	.52	.46	.70	.86	1.13	1.10	1.40	1.13	.74	.85
1934.....	.82	.86	.92	1.09	1.70	2.17	1.80	1.80	1.75	2.13	.94	.76
1935.....	.85	.92	1.10	1.23	1.23	1.00	1.34	1.40	1.30	1.37	1.37	1.22
1936.....	1.02	1.24	1.05	1.13	1.53	1.70	1.85	1.90	2.25	1.69	1.04	.78
1937 ²	1.48	1.63	1.95	2.14	2.05	2.47	3.06	3.05	3.03	1.86	1.02	.71
1938 ³.....	.57	.68	.55	.65	.65	.73	.95	.95	.80	.53	.60	.53
1939.....	.41	.44	.58	.76	.85							

¹ Actual price of fruit sold for fresh consumption, converted to equivalent "on tree" basis. Additional data on harvesting and marketing costs received recently have required some minor revisions in the level of this series, as published in Crops and Markets, December 1938. Prices are weighted average for California, Arizona, Florida, and Texas.

² Revised.

Bureau of Agricultural Economics.

TABLE 263.—Oranges: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-34		Average 1930-34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Spain.....	20,525	1	26,474	1	19,795	2				
Italy.....	3,435	0	3,097	1	2,640	2	2,429	4	4,267	5
United States.....	3,285	¹ 17	3,386	(²)	5,463	33	4,241	54	2,477	
Palestine.....	2,123	0	3,715	0	6,941	0	5,804	0	10,196	
Union of South Africa.....	734	0	1,832	0	2,089	0	2,317	0	3,710	
Brazil.....	571	0	1,997	0	2,640	0	3,217	0	4,971	0
Japan.....	449	0	1,520	0	939	0	1,028	0	857	0
China.....	292	462	353	214	483	118	538	63	631	30
Total.....	31,824	480	41,394	216	40,900	155	19,574	121	27,109	35
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	0	11,307	0	14,307	0	14,288	0	13,368	0	17,166
Germany ⁴	0	6,259	0	7,927	0	6,771	0	7,554	0	2,677
France ⁵	81	3,793	42	7,101	13	7,216	32	7,854	21	6,403
Canada.....	0	2,237	0	2,130	0	2,385	0	2,573	0	2,511
Netherlands.....	501	1,833	348	2,208	1	1,926	0	2,300	2	2,227
Belgium ⁶	(⁴)	¹ 875	¹ 1	2,058	2	1,903	1	2,247	1	1,969
Manchuria.....	(⁷)	(⁷)	0	624	0	637	0	1,096	0	959
Switzerland.....	0	440	0	754	0	732	0	815	1	738
Czechoslovakia.....	0	416	0	735	0	642	0	706	0	683
Norway ⁸	0	391	0	567	0	587	0	608	0	622
Sweden.....	0	357	2	1,268	6	989	7	992	2	1,082
Egypt ⁹	4	345	27	129	151	6	155	11	177	10
Hungary.....	0	293	0	325	0	338	0	407	0	422
Poland.....	0	256	0	100	0	953	0	730	0	743
Ireland.....	0	255	0	391	0	422	0	360	0	550
Denmark.....	0	294	0	443	0	253	0	249	0	264
Yugoslavia.....	0	161	0	196	0	185	0	194	0	188
Total.....	676	29,452	420	41,269	173	40,533	195	42,064	204	39,224

¹ Preliminary.

² 4-year average.

³ Given in value only for some years; not separately reported for others.

⁴ Exports included with lemons.

⁵ Includes some lemons.

⁶ 3-year average.

⁷ Not shown prior to 1932; included with data for China.

⁸ Beginning 1931, includes so-called sweet lemons, classed as oranges.

Bureau of Agricultural Economics. Compiled from official sources. Converted to boxes of 78 pounds.

TABLE 264.—*Corn, sweet, commercial crop: Acreage, production, and season average price per 1,000 ears and per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market: ¹	<i>Acres</i>	<i>Ears</i>	<i>1,000 ears</i>	<i>Dol.</i>	<i>1,000 dol.</i>	For manufacture:	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1924.....	21,000	5,550	116,550	24.40	2,844	1918.....	274,930	1.95	536,000	17.99	9,643
1925.....	22,000	5,800	127,600	12.00	1,531	1919.....	250,230	2.35	587,500	17.69	10,394
1926.....	22,000	5,400	118,800	14.50	1,723	1920.....	261,750	2.27	595,300	19.32	11,503
1927.....	18,000	5,300	95,400	21.50	2,051	1921.....	136,280	2.65	360,600	13.50	4,869
1928.....	18,500	6,000	111,000	19.50	2,164	1922.....	197,600	2.40	474,700	10.99	5,216
1929.....	22,000	4,500	99,000	17.00	1,683	1923.....	252,590	2.39	603,300	12.54	7,563
1930.....	24,000	4,200	100,800	15.30	1,542	1924.....	302,790	1.74	527,800	14.17	7,478
1931.....	23,000	4,000	92,000	11.50	1,058	1925.....	393,910	2.57	1,014,100	15.04	15,253
1932.....	22,500	4,900	110,250	10.20	1,125	1926.....	317,310	2.57	816,000	13.24	10,800
1933.....	25,000	4,800	120,000	11.40	1,368	1927.....	223,350	1.86	415,900	11.96	4,975
1934.....	28,500	5,300	151,050	9.70	1,465	1928.....	310,020	1.93	599,500	12.64	7,575
1935.....	28,000	4,800	134,400	9.00	1,210	1929.....	359,890	1.96	706,900	13.09	9,254
1936.....	24,000	5,100	122,400	10.50	1,285	1930.....	376,760	1.76	661,400	13.22	8,742
1937.....	24,000	5,000	120,000	12.00	1,440	1931.....	358,030	2.19	785,100	11.06	8,081
1938.....	22,500	4,900	110,250	12.50	1,378	1932.....	165,130	2.34	387,200	7.50	2,904
						1933.....	199,670	1.97	394,300	8.01	3,159
						1934.....	287,690	1.73	498,000	8.46	4,211
						1935.....	401,610	2.14	859,900	9.31	8,007
						1936.....	372,420	1.63	607,500	10.21	6,290
						1937.....	438,810	2.23	978,100	11.56	11,311
						1938.....	341,460	2.57	876,000	9.86	8,640

¹ New Jersey only.

Bureau of Agricultural Economics.

TABLE 265.—*Corn, sweet, commercial crop for market in New Jersey and for manufacture: Acreage, production, and season average price per 1,000 ears and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 ears</i>	<i>1,000 ears</i>	<i>1,000 ears</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Jersey.....	23,400	24,000	22,500	113,680	120,000	110,250	13.60	12.60	12.50
For manufacture:				<i>Short tons</i> ¹	<i>Short tons</i> ¹	<i>Short tons</i> ¹			
Maine.....	11,650	18,200	13,000	39,500	63,700	59,800	19.00	16.40	14.80
New Hampshire.....	880	750	420	2,400	2,900	1,800	18.40	17.40	14.90
Vermont.....	1,450	1,300	1,190	3,600	3,200	4,000	14.10	12.00	11.10
New York.....	19,480	22,600	22,000	34,100	40,700	66,000	13.50	14.10	12.40
Pennsylvania.....	5,860	9,500	9,200	9,200	19,000	19,300	12.10	13.30	11.40
Ohio.....	23,170	22,200	21,800	40,800	42,200	45,800	8.90	10.40	8.80
Indiana.....	34,920	51,400	42,400	52,000	107,900	72,100	10.30	12.80	10.30
Illinois.....	61,920	89,100	56,300	122,000	213,800	146,400	10.00	12.10	9.50
Michigan.....	6,290	6,000	6,000	7,300	8,400	7,800	11.20	13.50	10.70
Wisconsin.....	11,510	30,700	26,200	23,900	52,200	57,600	9.40	9.60	9.40
Minnesota.....	45,590	72,100	55,100	98,900	173,000	170,800	8.80	9.30	8.10
Iowa.....	36,340	64,300	33,000	77,600	114,000	82,500	7.50	8.80	7.20
Nebraska.....	4,330	3,200	2,000	7,300	2,900	4,000	7.20	8.30	7.00
Delaware.....	3,120	3,700	2,500	6,800	10,000	6,000	10.30	11.20	9.60
Maryland.....	31,760	38,100	34,000	50,800	83,800	85,000	11.60	13.00	10.50
Tennessee.....	2,630	2,730	2,600	6,000	7,600	8,800	12.00	14.00	12.00
Washington.....	² 330	1,500	2,400	³ 700	4,400	7,000	² 11.70	12.40	14.10
Oregon.....	² 1,020	4,000	2,250	² 1,500	9,600	5,400	² 14.00	13.90	13.70
Other States ³	3,440	7,430	9,400	7,500	18,800	25,900	11.10	10.56	9.70
Total.....	305,440	438,810	341,460	591,600	978,100	876,000	10.60	11.56	9.86

¹ Tonnage in husk.

² Short-time average.

³ "Other States" includes Colorado, Idaho, Kansas, Kentucky, Missouri, Montana, Oklahoma, South Dakota, Texas, Utah, Virginia, and Wyoming.

Bureau of Agricultural Economics; estimates based on returns from canning establishments.

TABLE 266.—*Corn, green (for market): Carlot shipments, by State of origin, 1933-38*¹

State	1933	1934	1935	1936	1937	1938 ²	State	1933	1934	1935	1936	1937	1938 ²
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>		<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Alabama.....	298	466	648	484	283	388	Missouri.....	—	—	—	3	—	—
Arkansas.....	9	18	38	29	32	34	New Jersey.....	1	—	—	—	—	—
California.....	19	—	—	—	—	—	New York.....	—	12	—	—	—	3
Colorado.....	—	—	—	—	—	—	North Carolina.....	67	90	114	78	12	10
Connecticut.....	1	1	—	—	—	—	Ohio.....	—	—	—	—	—	1
Florida.....	81	158	238	147	53	54	Oklahoma.....	24	13	1	—	—	4
Georgia.....	35	59	18	37	25	61	Oregon.....	—	—	—	—	19	51
Indiana.....	—	2	—	—	—	—	South Carolina.....	13	22	50	39	24	55
Kentucky.....	—	—	—	—	—	1	Texas.....	653	266	192	248	184	289
Louisiana.....	28	65	85	138	68	19	Virginia.....	27	11	14	21	1	5
Maryland.....	—	—	—	—	—	—	Wisconsin.....	1	—	—	—	—	—
Minnesota.....	197	—	—	—	—	1							
Mississippi.....	—	—	—	—	1	—	Total.....	1,454	1,184	1,402	1,228	709	976

¹ Crop movement season extends from March through September of a given year, but includes occasional shipments after Sept. 30.

² Preliminary

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 267.—*Corn, canned: Pack, by States, 1926-38*¹

State	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>
Maine.....	1,347	806	966	1,521	1,930	1,245	1,071	1,055	1,547	1,931	2,130	2,054	1,901
New York.....	1,038	676	666	782	647	1,080	496	584	836	1,152	944	1,136	1,871
Pennsylvania.....	(2)	171	213	229	97	237	88	52	273	310	684	670	492
Ohio.....	1,735	846	1,138	1,551	750	1,871	405	505	1,021	1,461	863	1,184	1,212
Indiana.....	2,044	703	1,131	1,250	1,272	2,362	1,139	838	1,037	2,310	831	2,231	1,681
Illinois.....	3,053	1,961	3,017	3,153	3,261	3,788	2,024	1,812	1,548	4,787	2,528	4,771	2,912
Wisconsin.....	843	310	578	547	686	712	140	279	688	956	593	1,138	1,488
Minnesota.....	1,762	1,088	1,648	2,604	2,912	1,835	2,018	2,350	1,272	3,363	1,893	3,740	3,227
Iowa.....	3,361	1,377	2,541	2,908	2,552	3,227	444	1,132	1,266	2,785	1,033	3,054	2,229
Maryland.....	2,133	1,493	1,648	1,865	622	1,956	801	942	1,196	1,780	2,478	2,486	2,308
Other States.....	1,753	916	951	1,077	963	1,102	732	644	584	636	644	1,077	1,149
United States.....	19,069	10,347	14,497	17,487	15,692	19,415	9,358	10,193	11,268	21,471	14,621	23,541	20,470

¹ Stated in cases of 24 No. 2 cans.

² Includes Vermont and New Hampshire.

³ Included in Other States.

⁴ Includes Nebraska.

⁵ Includes Delaware.

Bureau of Agricultural Economics. Compiled from National Cannery Association data, 1926 and 1934-38; Bureau of Census, 1927-29; Foodstuffs Division, Bureau of Foreign and Domestic Commerce, 1930-33.

TABLE 268.—*Cranberries: Acreage, production, season average price per barrel received by farmers, and value, 5 States, 1900-1938*

Year	Acreage harvested	Average yield per acre	Production ¹	Price	Farm value	Year	Acreage harvested	Average yield per acre	Production ¹	Price	Farm value
	<i>Acres</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1900.....	23,500	13.5	318,000	6.61	2,102	1920.....	26,800	17.6	472,000	10.42	4,917
1901.....	24,000	17.2	414,000	5.68	2,353	1921.....	26,900	14.8	397,000	13.44	5,335
1902.....	24,300	13.0	317,000	6.33	2,006	1922.....	26,900	22.2	597,000	10.40	6,262
1903.....	24,700	17.0	419,000	6.21	2,601	1923.....	27,000	25.4	686,000	7.96	5,461
1904.....	25,100	15.3	388,000	5.18	1,996	1924.....	27,470	22.2	610,000	9.97	6,082
1905.....	25,500	10.6	271,000	7.62	2,064	1925.....	27,470	22.2	609,000	11.23	6,841
1906.....	25,800	16.0	412,000	6.50	2,678	1926.....	27,570	27.6	761,600	7.14	5,439
1907.....	26,100	17.3	452,000	6.45	2,917	1927.....	27,590	18.6	512,000	12.95	6,631
1908.....	26,300	13.1	344,000	7.62	2,622	1928.....	27,670	20.2	559,000	14.35	8,020
1909.....	26,600	22.6	601,000	5.46	3,282	1929.....	27,640	20.6	569,800	13.49	7,687
1910.....	26,700	21.3	569,000	5.85	3,331	1930.....	27,850	21.0	583,500	10.83	6,320
1911.....	26,800	17.6	473,000	7.13	3,372	1931.....	27,950	23.4	654,000	6.55	4,284
1912.....	26,900	10.0	512,000	6.64	3,400	1932.....	27,630	21.0	579,800	7.70	4,517
1913.....	27,000	18.4	498,000	6.48	3,227	1933.....	27,550	25.4	698,700	6.41	4,481
1914.....	27,000	24.6	664,000	4.02	2,672	1934.....	27,450	16.2	445,300	11.58	5,156
1915.....	27,000	17.6	476,000	6.55	3,116	1935.....	27,500	18.7	515,500	12.13	6,255
1916.....	26,900	21.2	571,000	6.59	3,764	1936.....	27,710	18.2	504,300	13.58	6,848
1917.....	26,900	10.9	293,000	10.39	3,044	1937.....	27,850	31.5	877,300	8.62	7,561
1918.....	26,900	13.9	375,000	8.72	3,269	1938 ²	27,950	16.4	457,300	11.07	5,064
1919.....	26,800	22.0	590,000	7.89	4,658						

¹ Barrels of 100 pounds. Sales usually are made in 1/4-barrel or 1/4-barrel boxes.² Preliminary.

Bureau of Agricultural Economics.

TABLE 269.—*Cranberries: Production and season average price per barrel received by farmers, by States, average 1927-36, annual 1935-38*

State	Production ¹					Price for crop of—			
	Average 1927-36	1935	1936	1937	1938 ²	1935	1936	1937	1938 ²
	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts.....	389,800	332,000	346,000	565,000	300,000	11.85	13.20	8.00	10.50
New Jersey.....	103,500	85,000	75,000	175,000	70,000	13.80	14.30	9.80	12.50
Wisconsin.....	51,100	77,000	62,000	115,000	64,000	11.50	14.00	9.70	11.90
Washington.....	13,080	17,000	16,700	18,500	16,100	13.00	16.00	9.50	12.00
Oregon.....	4,710	4,500	4,600	3,800	7,200	13.00	16.00	9.00	11.70
5 States.....	562,190	515,500	504,300	877,300	457,300	12.13	13.58	8.62	11.07

¹ Barrels of 100 pounds. Sales usually are made in 1/4-barrel or 1/4-barrel boxes.² Preliminary.

Bureau of Agricultural Economics.

TABLE 270.—Cranberries: Carlot shipments, by State of origin, 1928-38¹

State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Illinois.....	2										
Massachusetts.....	1,050	1,199	1,409	1,505	1,249	1,479	901	897	1,063	1,350	1,026
Michigan.....	3	1	1								
Minnesota.....		2	5	2							
New Jersey.....	478	308	499	426	223	393	162	151	131	181	111
New York.....		3		2							
Oregon.....	35	16	6	21	4	2	14	11	9	8	1
Rhode Island.....				15	6		4	5	5	9	2
Washington.....	40	28	1		1				15	25	14
Wisconsin.....	171	141	125	175	285	150	176	258	210	397	211
Total.....	1,781	1,701	2,043	2,144	1,768	2,025	1,260	1,322	1,433	1,970	1,365

¹ Crop movement season extends from September through December of a given year, but includes occasional shipments after Dec. 31.

² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 271.—Cucumbers, commercial crop: Acreage, production, season average price per bushel received by farmers, and farm value, 1918-38

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	Acres	Bush-els ¹	1,000 bushels	Dol-lars	1,000 dollars		Acres	Bush-els ¹	1,000 bushels	Dol-lars	1,000 dollars
For market:						For pickles:					
1918.....	11,520	165	1,903	2.53	4,818	1918.....	65,110	57	3,698	.86	3,179
1919.....	14,600	166	2,426	2.19	5,302	1919.....	51,030	60	3,061	.89	2,749
1920.....	16,640	136	2,271	1.82	4,133	1920.....	51,500	40	2,063	.99	2,034
1921.....	19,440	134	2,608	1.60	4,175	1921.....	64,260	72	4,662	1.04	4,845
1922.....	25,450	143	3,652	1.34	4,896	1922.....	53,880	82	2,814	.93	2,631
1923.....	28,040	121	3,401	2.12	7,221	1923.....	65,710	54	3,517	1.15	4,046
1924.....	36,360	121	4,410	1.63	7,175	1924.....	87,630	33	2,904	1.15	3,348
1925.....	36,030	135	4,867	1.33	6,487	1925.....	103,960	70	7,222	1.02	7,395
1926.....	33,810	131	4,417	1.38	6,105	1926.....	73,520	55	4,068	.95	3,869
1927.....	35,090	129	4,540	1.28	5,811	1927.....	58,700	52	3,023	.95	2,880
1928.....	41,330	107	4,413	1.28	5,670	1928.....	76,790	64	4,929	.84	4,142
1929.....	41,300	111	4,572	1.71	7,536	1929.....	81,010	51	4,162	.82	3,425
1930.....	56,020	107	5,993	1.10	4,876	1930.....	118,290	66	7,775	.79	6,168
1931.....	60,880	92	4,678	.77	3,417	1931.....	86,280	71	6,111	.70	4,278
1932.....	44,700	76	3,380	.74	2,594	1932.....	33,510	56	1,883	.61	959
1933.....	40,710	71	2,894	.79	2,273	1933.....	57,760	65	3,738	.45	1,685
1934.....	42,950	85	3,653	.85	3,069	1934.....	79,670	55	4,404	.47	2,090
1935.....	44,350	100	4,441	.77	3,237	1935.....	89,470	56	5,036	.52	2,610
1936.....	44,620	84	3,759	1.00	3,770	1936.....	88,760	71	6,333	.57	3,582
1937.....	42,940	87	3,749	1.10	4,124	1937.....	110,070	73	8,047	.59	4,787
1938.....	43,510	106	4,595	.80	3,691	1938.....	82,640	74	6,180	.59	3,631

¹ Bushels containing approximately 48 pounds.

² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 1,551,000 bushels in 1930, 234,000 in 1931, 263,000 in 1932, 227,000 in 1935, and 8,000 in 1938.

Bureau of Agricultural Economics.

TABLE 272.—Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, average 1927-36, annual 1937 and 1938

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:									
Fall: ¹				1,000 bushels ²	1,000 bushels ²	1,000 bushels ²	Dollars	Dollars	Dollars
Florida.....	1,280	1,600	2,000	106	64	100	2.10	2.20	1.90
Texas.....	360			16			1.10		
Total or average..	1,420	1,600	2,000	112	64	100	2.07	2.20	1.90
Early (sec. 1):									
Florida.....	6,610	4,000	5,000	568	300	750	2.05	3.20	1.15
Texas.....	6,130	7,300	5,600	4389	292	291	1.20	1.65	1.00
Total or average..	12,740	11,300	10,600	957	592	1,041	1.70	2.44	1.11
Early (sec. 2):									
Alabama.....	1,620	1,000	1,500	4271	160	270	.70	.50	.50
California.....	1,310	2,300	2,100	195	506	420	1.05	1.10	.90
Georgia.....	1,490	1,400	2,000	1117	91	110	1.00	.85	.85
Louisiana.....	600	1,050	1,000	50	74	480	.90	.85	.55
South Carolina.....	7,170	5,600	5,600	4588	308	336	.75	1.00	.75
Total or average..	12,190	11,350	12,200	1,191	1,139	1,216	.81	.95	.74
Second early:									
Arkansas.....	1,190	900	1,000	95	81	90	.70	.70	.65
North Carolina.....	4,690	4,500	4,000	4438	180	320	.75	.90	.55
Virginia.....	800	400	400	86	40	40	.90	.80	.70
Total or average..	6,680	5,800	5,400	619	301	450	.76	.83	.58
Intermediate:									
Delaware.....	1,550	1,900	1,800	179	238	207	.65	.60	.50
Illinois.....	800	950	1,000	48	66	85	.90	1.10	.90
Maryland.....	2,260	2,800	2,800	285	392	266	.75	.70	.55
New Jersey.....	3,220	3,500	3,000	526	542	480	.80	.75	.65
Ohio, Southeast.....	90			4			.85		
Total or average..	7,910	9,150	8,600	1,041	1,238	1,038	.77	.72	.61
Late (sec. 1):									
Michigan.....	1,680	630	750	42	50	112	.95	.85	.75
New York.....	1,670	2,160	2,760	193	313	533	.85	.60	.60
Total or average..	2,130	2,790	3,510	226	363	645	.85	.63	.63
Late (sec. 2):									
Georgia.....	1,590	400	600	227	16	42	1.45	1.90	2.10
Louisiana.....	720	550	600	70	36	63	1.00	1.35	.90
Total or average..	1,250	950	1,200	94	52	105	1.08	1.52	1.38
Grand total.....	44,200	42,940	43,510	4,232	3,749	4,595	1.03	1.10	.80
For pickles:									
Massachusetts.....	460	600	680	61	45	116	.50	.40	.50
New York.....	3,750	3,100	1,050	397	372	100	.75	.59	.64
Ohio.....	4,480	6,000	6,500	256	234	338	.76	.73	.66
Indiana.....	7,450	7,500	6,500	358	488	351	.65	.57	.53
Illinois.....	1,500	1,400	830	87	102	53	.80	.78	.72
Michigan.....	21,540	29,000	22,700	1,022	2,030	1,702	.67	.63	.62
Wisconsin.....	10,100	17,000	8,400	508	1,037	647	.73	.60	.60
Minnesota.....	2,600	2,520	900	100	202	60	.61	.59	.50
Iowa.....	1,950	3,260	1,200	84	202	53	.65	.66	.54
Missouri.....	1,470	2,200	1,060	43	150	43	.64	.75	.53
Maryland.....	1,600	1,600	1,960	134	128	157	.56	.60	.54
Virginia.....	2,370	4,600	5,200	177	368	291	.65	.62	.74
North Carolina.....	1,400	5,670	4,700	139	425	338	.85	.59	.65
Louisiana.....	770	800	700	34	56	48	.68	.45	.45
Texas.....	1,480	4,800	4,000	56	240	220	.70	.45	.55
Colorado.....	1,730	1,860	1,200	204	383	186	.50	.48	.52
Washington.....	410	290	230	57	56	45	.64	.78	.53
Oregon.....	890	980	800	134	153	155	.60	.73	.60
California.....	2,330	2,720	1,960	425	620	474	.55	.57	.56
Other States ³	8,440	14,170	12,070	465	756	767	.66	.49	.51
Total.....	77,020	110,070	82,640	4,741	8,047	6,150	.66	.59	.59

¹ Bushels containing approximately 48 pounds.² Fall crop States supply earliest new crop movement, starting in fall preceding year shown.³ Short-time average.⁴ Includes some quantities not harvested on account of market conditions: Louisiana (early), 8,000 bushels in 1938. Price refers to harvested portion of crop.⁵ Other States includes Alabama, Arizona, Arkansas, Connecticut, Delaware, Florida, Idaho, Kentucky, Maine, Mississippi, Nebraska, New Jersey, Oklahoma, Pennsylvania, South Carolina, South Dakota, Utah, and Wyoming.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 273.—*Cucumbers: Carlot shipments, by State of origin, 1927-38*¹

Group and State	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Fall:												
California, Imperial Valley	Cars 11	Cars 32	Cars 31	Cars 28	Cars 15							
Florida	33	48	88	165	301	129	150	281	183	280	84	139
Texas				4	18	1						
Total	44	80	119	197	334	130	150	281	183	280	84	139
Early and second early:												
Alabama	583	606	795	882	470	259	193	587	447	421	297	548
Arkansas	228	328	195	131	107	124	15	26	38	14	42	16
California	19	18	14	10	31	10	34	9	25	27	66	31
Florida	2,247	1,484	2,106	836	1,334	549	403	549	712	556	465	1,304
Georgia	72	76	129	152	51	117	146	270	244	163	153	188
Illinois	61	66	70	101	108	64	60	52	46	19		
Indiana	101	109	106	25	18	21	5	9	11	7		
Iowa				27	33	10	2	3			1	
Kentucky				2								
Louisiana	29	34	52	89	21	38	7	18	67	15	21	21
Minnesota											3	1
Mississippi	17	2		91	21	4		2		7	4	
North Carolina	935	812	651	691	439	527	235	292	340	310	112	241
Ohio	191	158	119	131	208	104	74	21	1			
Oklahoma		1	8	1		3						
South Carolina	916	663	1,043	1,107	716	738	683	572	1,538	651	532	482
Tennessee								29	21			5
Texas	178	382	290	875	677	677	346	317	524	650	879	343
Virginia	339	229	179	166	148	100	69	49	48	77	50	16
Wisconsin											1	
Total	5,916	4,969	5,757	5,315	4,384	3,345	2,265	2,805	4,052	2,921	2,036	3,195
Intermediate:												
Delaware	366	214	163	119	225	155	182	116	110	73	74	63
Illinois	40	82	48	153	43	30	15	1		1	3	4
Indiana	34	38	20	38	17		6	6	4	14	6	
Iowa				5	1			1				1
Maryland	692	563	469	527	680	280	483	283	399	486	436	281
Missouri	16	21	1	2								3
New Jersey	368	370	161	117	149	57	32	57	81	29	30	6
Ohio	12	33										
Total	1,528	1,321	862	956	1,119	523	718	464	594	603	549	358
Late:												
California	12		21	26		2	2				1	
Colorado	7		9	12	1	2	2		1	4		
Georgia			6	10	31	42	70	32	23	75	20	74
Louisiana	7	24	61	55	72	83	81	36	57	64	37	93
Michigan	12	30	13	39	10	1	7	18		1	5	7
Minnesota		1		2			2	5	1	4		
New York	607	1,001	829	907	714	574	699	404	260	297	336	304
Pennsylvania		2					1					
Utah				3	1		1			7		
Washington	1		2	2	1		2		1			
Wisconsin	5	1	11	4	15		3	3	22	2	3	5
Total	651	1,059	653	1,058	847	704	875	498	365	454	403	483
Grand total	8,139	7,429	7,391	7,526	6,684	4,702	4,008	4,048	5,194	4,258	3,072	4,175

¹ Bulk of shipments: Fall, October of preceding year through January; early and second early, January-July; intermediate, July-September; late, August-October.

² Preliminary.

³ Hothouse stock, January through June.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 274.—*Dates: Production and season average price per ton received by farmers, California, 1924-33*¹

Year	Production	Price	Farm value	Year	Production	Price	Farm value
	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dol.</i>		<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dol.</i>
1924.....	214	360	77	1932.....	2,150	40	86
1925.....	340	282	96	1933.....	2,200	70	154
1926.....	522	342	179	1934.....	2,617	80	209
1927.....	710	302	214	1935.....	3,230	80	258
1928.....	817	262	214	1936.....	3,970	110	437
1929.....	865	222	192	1937.....	3,630	120	436
1930.....	1,560	140	218	1938 ²	3,510	126	442
1931.....	1,200	60	72				

¹ The 1930 census reported date production in California and Arizona in 1929, but of the total production for the 2 States 95 percent was in California.

² Preliminary.

Bureau of Agricultural Economics.

 TABLE 275.—*Eggplant, commercial crop: Acreage, production, season average price per bushel received by farmers, and farm value, 1921-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
		<i>Bushels</i> ¹	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>			<i>Bushels</i> ¹	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
For market:	<i>Acres</i>					For market:	<i>Acres</i>				
1921.....	2,420	364	882	1.45	1,275	1930.....	3,600	222	798	0.89	714
1922.....	2,210	387	856	1.52	1,297	1931.....	3,900	208	811	.74	601
1923.....	2,470	344	850	2.12	1,803	1932.....	3,650	222	809	.64	520
1924.....	2,440	296	723	1.25	901	1933.....	4,000	228	910	.54	488
1925.....	2,790	265	738	1.07	791	1934.....	3,900	203	791	.59	463
1926.....	2,440	260	637	1.21	794	1935.....	3,430	206	707	.63	446
1927.....	2,350	279	655	.94	613	1936.....	3,180	258	820	.60	494
1928.....	3,170	238	754	.86	650	1937.....	4,020	229	921	.69	640
1929.....	2,970	232	688	1.57	1,079	1938.....	4,420	217	961	.62	593

¹ Bushels containing approximately 33 pounds.

Bureau of Agricultural Economics.

 TABLE 276.—*Eggplant, commercial crop: Acreage, production, and season average price per bushel received by farmers, average 1927-36, annual 1937 and 1938*

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Fall: ¹	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	740	830	1,000	118	170	150	1.15	0.70	1.20
Texas.....	400	500	450	64	75	45	.65	.45	.80
Total or average.....	1,140	1,350	1,450	182	245	195	.94	.62	1.11
Early: Florida.....	870	600	800	261	240	320	.95	.85	.55
Secondarily: Louisiana.....	370	970	970	54	134	146	.90	.65	.45
Late: New Jersey.....	1,040	1,100	1,200	277	302	300	.55	.65	.45
Grand total.....	3,420	4,020	4,420	774	921	961	.80	.69	.62

¹ Bushels containing approximately 33 pounds.

² Fall crop States supply earliest new-crop movement, starting in fall preceding year shown.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 277.—*Eggplant: Carlot shipments, by State of origin, 1928-38¹*

Group and State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Fall and early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Florida.....	199	201	207	209	285	343	273	191	232	230	286
Texas.....	14		14	3	12			1			
Total.....	213	201	221	212	297	343	273	192	232	230	286
Second-early and late:											
Delaware.....		2	2								
Georgia.....			2	2							
Louisiana.....	1		4	1	2			1			
New Jersey.....			1		1		1				
North Carolina.....		2									
South Carolina.....		6		1							
Virginia.....	77	126	66	122	57	40	31	10	1	3	
Total.....	79	136	75	126	60	41	32	11	1	3	
Grand total.....	292	337	296	338	357	384	305	203	233	233	286

¹ Shipping season is for calendar year, except Florida and Texas which begin about October of preceding year.

² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 278.—*Figs: Production and season average price per ton received by farmers, California and Texas, 1919-38*

Year	Dried, California			Marketed fresh and canned, California			Commercial preserving, Texas		
	Production (dry basis)	Price	Farm value	Production (fresh basis)	Price	Farm value	Production (fresh basis)	Price	Farm value
	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1919.....	12,000	150.00	1,800	900					
1920.....	12,300	90.00	1,107	1,200					
1921.....	9,600	145.00	1,392	1,600					
1922.....	11,000	120.00	1,320	2,600					
1923.....	9,500	90.00	855	3,300					
1924.....	8,500	100.00	850	2,200	104.00	229	1,180	104.00	123
1925.....	9,600	110.00	1,056	3,100	100.00	310	2,240	76.00	170
1926.....	11,350	95.00	1,078	5,100	112.00	571	4,980	76.00	373
1927.....	12,000	45.00	540	5,400	100.00	540	4,880	59.00	288
1928.....	11,500	45.00	518	6,100	87.00	531	6,510	65.00	423
1929.....	17,000	90.00	1,530	7,300	100.00	730	2,780	40.00	111
1930.....	21,000	48.00	1,008	7,700	90.00	693	2,960	45.00	133
1931.....	17,000	37.00	629	6,300	74.00	466	1,850	59.00	109
1932.....	19,000	25.47	484	6,500	36.50	237	510	47.00	24
1933.....	21,500	43.80	942	5,900	50.50	298	660	55.00	36
1934.....	22,900	59.30	1,358	9,000	51.55	467	970	52.00	50
1935.....	24,000	45.00	1,080	10,200	56.50	576	1,590	64.00	102
1936.....	20,000	77.00	1,540	11,000	54.00	594	1,450	59.00	86
1937.....	28,700	68.00	1,952	12,000	70.30	844	1,610	60.00	97
1938 ¹	30,500	64.60	1,970	13,000	57.00	741	1,240	45.00	56

¹ Preliminary.

² Includes figs of substandard grades pooled for diversion from regular commercial channels.

Bureau of Agricultural Economics.

TABLE 279.—*Filberts: Production and season average price per ton received by farmers, Oregon, 1927-38*¹

Year	Production	Price	Farm value	Year	Production	Price	Farm value
	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1927.....	60			1933.....	930	300	279
1928.....	200			1934.....	1,000	200	200
1929.....	200	300	60	1935.....	1,100	260	286
1930.....	300	340	102	1936.....	1,850	270	500
1931.....	380	250	95	1937.....	2,230	215	479
1932.....	400	200	80	1938 ²	2,000	220	440

¹ The 1930 census reported small quantities of hazelnuts produced in several other States in 1929, but 87 percent of the total production was in Oregon.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 280.—*Garlic, commercial crop: Acreage, production, season average price per sack received by farmers, and farm value, 1932-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
			<i>1,000 sacks</i>	<i>Dollars</i>	<i>1,000 dollars</i>				<i>1,000 sacks</i>	<i>Dollars</i>	<i>1,000 dollars</i>
For market:	<i>Acres</i>	<i>Sacks</i> ¹				For market:	<i>Acres</i>	<i>Sacks</i> ¹			
1932.....	4 300	34.2	147	2.60	383	1936.....	3,700	42.2	156	4.13	644
1933.....	3,910	34.6	135	3.42	462	1937.....	4,250	48.0	204	2.83	577
1934.....	3 400	38.5	131	3.64	478	1938.....	4,460	43.3	193	3.09	596
1935.....	2,860	46.3	132	3.87	511						

¹ Sacks containing 100 pounds.

Bureau of Agricultural Economics.

TABLE 281.—*Garlic, commercial crop: Acreage, production, and season average price per sack received by farmers, average 1932-36, annual 1937 and 1938*

State	Acreage			Production			Price for crop of—		
	Average 1932-36	1937	1938	Average 1932-36	1937	1938	Average 1932-36	1937	1938
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks</i> ¹	<i>1,000 sacks</i> ¹	<i>1,000 sacks</i> ¹	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	1,890	2,450	2,310	104	159	150	3.67	2.60	3.00
Louisiana.....	320	600	750	16	25	22	3.70	4.50	4.50
Texas.....	1,420	1,200	1,400	20	20	21	2.65	2.60	2.25
Total or average.....	3,630	4,250	4,460	140	204	193	3.53	2.83	3.09

¹ Sacks containing 100 pounds.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 282.—*Grapes: Production, value, and foreign trade, United States, 1919-38*

Year	Production			Season average price per ton re- ceived by farmers	Farm value	Foreign trade, year beginning July ¹			
	California	Other States	Total, United States			Domestic ex- ports	Imports	Net exports ²	
								Total	Per-centage of pro- duction
	Short tons	Short tons	Short tons	Dollars	1,000 dollars	Short tons	Short tons	Short tons	Percent
1919.....	1,345,000	229,960	1,574,960	.....	.....	0	6,404	³ 6,290	.....
1920.....	1,273,000	248,010	1,521,010	.....	.....	0	12,018	³ 11,925	.....
1921.....	1,100,000	119,590	1,219,590	.....	.....	⁴ 86	9,397	³ 9,220	.....
1922.....	¹ 1,806,000	278,700	² 2,084,700	.....	.....	7,011	16,324	³ 9,139	.....
1923.....	2,030,000	219,770	2,249,770	.....	.....	10,128	10,015	198	(⁵)
1924.....	1,535,000	240,020	1,775,020	39.22	69,616	10,151	1,608	8,566	0.5
1925.....	² 2,050,000	150,090	² 2,200,090	32.17	66,346	12,134	1,415	10,735	.5
1926.....	² 2,129,000	315,370	² 2,444,370	26.95	65,480	15,396	1,011	14,414	.6
1927.....	² 2,406,000	185,980	² 2,591,980	26.87	65,835	19,410	1,735	17,747	.7
1928.....	² 2,306,000	287,790	² 2,653,790	20.08	50,218	27,819	1,703	26,155	1.0
1929.....	1,827,000	238,220	2,085,220	27.31	56,955	23,079	2,687	20,448	1.0
1930.....	² 2,181,000	274,740	² 2,455,740	19.47	45,529	24,900	2,856	22,107	.9
1931.....	¹ 1,320,000	326,280	² 1,646,280	22.63	37,034	13,806	3,013	10,902	.7
1932.....	¹ 1,926,000	305,380	² 2,231,380	13.37	27,776	14,676	3,157	11,616	.5
1933.....	¹ 1,660,000	278,760	¹ 1,938,760	18.05	34,945	13,344	⁷ 3,928	9,416	.5
1934.....	1,700,000	257,740	1,957,740	19.70	38,577	17,856	7,305	10,551	.5
1935.....	2,194,000	293,810	2,487,810	14.94	37,161	18,676	4,579	14,097	.6
1936.....	1,714,000	302,460	1,016,460	21.63	41,448	23,058	4,753	18,305	1.0
1937.....	2,454,000	³ 322,770	² 2,776,770	20.67	57,194	35,014	4,740	30,274	1.1
1938 ¹	2,331,000	172,260	2,503,260	15.68	39,247	.....	.....	.....	.....

¹ Compiled from Monthly Summary of Foreign Commerce of the United States, June issues, 1920-26, January and June issues, 1927-38, and official records of the Bureau of Foreign and Domestic Commerce.

² Total exports (domestic plus foreign) minus total imports. Beginning 1933-34 domestic exports minus imports for consumption.

³ Net imports equal total imports minus total exports (domestic plus foreign).

⁴ January-June 1922; reported in value only prior to this date.

⁵ Includes some quantities not harvested on account of market conditions as follows: 100,000 tons in 1922; 138,000 in 1925; 15,000 in 1926; 142,000 in 1927; 153,000 in 1928; 433,000 in 1930, including 316,000 sold but left on the vines; 10,000 in 1931; 154,000 in 1932; 3,000 in 1933, and 10,170 in 1937. Price and value apply only to the harvested portion of the crop plus a quantity of fruit that was sold but left on the vines in 1930.

⁶ Less than 0.05 percent.

⁷ Beginning 1933-34, imports for consumption.

⁸ Preliminary.

Bureau of Agricultural Economics.

TABLE 283.—*Grapes, California: Utilization of harvested production of all varieties, 1927-39*

Year	Harvested production	Dried, fresh basis ¹	Table stock ²	Crushed by commercial wineries	Otherwise used as juice stock ³	Canned
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
1927.....	2,307,400	1,104,000	383,100	75,000	742,900	2,400
1928.....	2,213,000	1,008,000	405,400	103,000	695,000	1,600
1929.....	1,827,000	824,000	320,200	51,000	629,500	2,300
1930.....	1,748,000	731,000	316,400	74,100	625,200	1,300
1931.....	1,310,000	640,000	235,400	34,600	309,700	300
1932.....	1,772,000	1,012,000	230,400	99,000	430,100	500
1933.....	1,657,000	756,000	201,230	444,000	254,800	970
1934.....	1,700,000	679,200	265,400	530,000	225,200	2,200
1935.....	2,194,000	808,500	232,500	887,000	243,600	2,400
1936.....	1,714,000	728,000	289,800	494,000	199,000	3,200
1937.....	2,454,000	988,000	306,600	911,000	240,900	7,500
1938.....	2,531,000	1,160,000	296,800	862,000	207,200	5,000
1939 ¹	2,296,000	.....	.....	.....	.....	.....

¹ Excluding grapes first dried and later used for juice. 1 ton dried is equal to 4 tons fresh.

² Estimates made by the Giannini Foundation of Agricultural Economics, University of California, and based upon reports of the California Cooperative Crop Reporting Service and of the Federal-State market news service.

³ Production indicated on July 1, 1939.

Bureau of Agricultural Economics. Compiled from reports of the California Cooperative Crop Reporting Service, except as otherwise designated. The 1938 California production figure was revised to 2,531,000 tons in the crop report of July 1939.

TABLE 284.—*Grapes: Production and season average price per ton received by farmers, by States, average 1927-36, annual 1936-38*

State and division	Production				Price for crop of—		
	Average 1927-36	1936	1937	1938 ¹	1936	1937	1938 ¹
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	32	20	30	30	95.00	60.00	60.00
New Hampshire.....	83	70	120	70	85.00	60.00	60.00
Vermont.....	36	20	50	40	95.00	60.00	60.00
Massachusetts.....	571	660	900	540	80.00	60.00	60.00
Rhode Island.....	270	230	370	220	75.00	60.00	60.00
Connecticut.....	1,882	2,320	2,520	1,960	75.00	70.00	60.00
New York.....	73,690	49,300	² 89,100	55,600	41.00	30.00	36.00
New Jersey.....	3,000	3,100	4,000	2,800	40.00	40.00	38.00
Pennsylvania.....	21,530	16,000	26,000	15,700	40.00	31.00	40.00
North Atlantic.....	101,094	71,780	² 123,090	76,960	42.41	31.80	37.77
Ohio.....	27,200	26,400	37,800	9,800	37.00	33.00	42.00
Indiana.....	3,820	3,100	5,300	2,200	40.00	28.00	45.00
Illinois.....	5,900	4,300	8,600	6,300	40.00	34.00	43.00
Michigan.....	61,020	38,700	² 67,200	16,900	34.00	23.00	50.00
Wisconsin.....	358	320	450	430	75.00	60.00	60.00
Minnesota.....	248	170	250	270	70.00	60.00	60.00
Iowa.....	5,930	2,600	5,000	5,000	55.00	45.00	45.00
Missouri.....	9,110	5,800	12,300	6,200	50.00	35.00	40.00
Nebraska.....	2,430	1,000	1,800	3,100	65.00	60.00	40.00
Kansas.....	3,840	1,200	3,400	3,100	60.00	55.00	55.00
North Central.....	119,856	83,590	² 142,100	53,300	39.14	29.89	45.70
Delaware.....	2,030	2,000	2,200	1,500	45.00	40.00	40.00
Maryland.....	713	740	750	580	50.00	45.00	50.00
Virginia.....	2,150	2,600	3,000	2,000	75.00	60.00	70.00
West Virginia.....	1,248	960	1,900	430	75.00	60.00	70.00
North Carolina.....	5,654	7,900	² 8,100	6,600	55.00	55.00	65.00
South Carolina.....	1,519	1,950	1,990	1,670	65.00	60.00	70.00
Georgia.....	1,250	1,850	1,860	1,660	60.00	60.00	65.00
Florida.....	779	840	710	820	75.00	70.00	70.00
South Atlantic.....	15,143	18,840	² 20,510	15,260	59.93	55.72	63.56
Kentucky.....	1,489	2,200	2,960	2,390	60.00	60.00	60.00
Tennessee.....	1,650	2,340	2,650	1,590	70.00	62.00	70.00
Alabama.....	1,092	1,560	1,680	1,400	75.00	65.00	65.00
Mississippi.....	271	320	320	250	80.00	75.00	85.00
Arkansas.....	9,690	7,000	12,800	4,800	35.00	28.00	40.00
Louisiana.....	52	70	50	50	65.00	75.00	65.00
Oklahoma.....	2,925	1,600	4,000	2,500	50.00	37.00	50.00
Texas.....	2,180	2,300	2,900	2,000	55.00	50.00	55.00
South Central.....	19,349	17,390	27,360	14,980	51.47	41.30	53.14
Idaho.....	539	550	470	580	45.00	60.00	35.00
Colorado.....	477	600	570	650	52.00	55.00	57.00
New Mexico.....	983	1,300	1,180	1,240	49.00	60.00	50.00
Arizona.....	1,168	500	560	730	55.00	50.00	50.00
Utah.....	1,008	1,020	630	860	36.00	60.00	40.00
Nevada.....	99	90	100	100	85.00	80.00	40.00
Washington.....	5,120	4,600	4,100	5,200	24.00	33.00	28.00
Oregon.....	2,280	2,200	2,100	2,400	29.00	32.00	30.00
California.....	² 1,929,400	1,714,000	2,454,000	2,331,000	19.10	19.02	13.61
Wine varieties.....	² 450,100	472,000	631,000	889,000	17.30	21.00	12.76
Raisin varieties.....	² 1,126,400	918,000	1,407,000	1,339,000	17.82	17.31	12.47
Dried ¹	213,470	182,000	246,900	² 267,000	69.65	62.70	47.00
Not dried.....	² 272,500	190,000	419,000	271,000	19.40	21.19	15.30
Table varieties.....	² 352,900	324,000	416,000	403,000	25.35	21.80	18.65
Western.....	² 1,941,074	1,724,860	2,463,710	2,342,760	19.19	19.11	13.72
United States.....	² 2,196,516	1,916,460	² 2,776,770	2,503,260	21.63	20.67	15.68

¹ Preliminary.

² Includes some quantities not harvested on account of market conditions as follows: New York, 6,310 tons in 1937; Michigan, 3,360 in 1937; North Carolina, 500 in 1937; California wine varieties, 18,000 tons in 1928, 40,000 in 1930, 10,000 in 1931, and 25,000 in 1932; California raisin varieties (not dried), 60,000 tons in 1928, 319,000 in 1930, including 316,000 sold but left on the vines, and 21,000 in 1932; California table varieties, 142,000 tons in 1927, 75,000 in 1928, 74,000 in 1930, 108,000 in 1932, and 3,000 in 1933. Prices apply only to the harvested portion of the crop.

³ Dried basis: 1 ton of dried raisins equivalent to 4 tons of fresh grapes.⁴ Includes raisins which were diverted to reserve stabilization pool.

Bureau of Agricultural Economics.

TABLE 285.—*Grapes: Carlot shipments, by State of origin, from crops of 1926-38¹*

State	Crop of—													
	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²	
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	
California.....	64,327	75,925	73,157	59,205	65,185	39,777	42,239	29,282	30,875	32,021	30,835	35,692	31,230	
Other States:														
New York.....	7,242	3,050	3,750	2,541	2,049	4,210	1,670	1,129	421	749	149	381	185	
New Jersey.....														
Pennsylvania.....	1,350	689	1,076	879	809	1,290	613	421	355	409	183	*363	123	
Ohio.....	110	5	14	17	29	24	18	26	7	2	1	51	1	
Indiana.....				1	2		4					9		
Illinois.....	27	11	21	28	9	10	29	25	27	10	8	19	3	
Michigan.....	3,081	2,023	1,571	1,746	1,620	528	892	592	548	225	102	722	7	
Iowa.....	176	196	234	369	226	185	203	118	113	163	27	127	58	
Missouri.....	686	108	415	225	316	329	170	111	91	41	32	96		
Nebraska.....	1	67	44	54	27	31	5	2	7	5	4	13		
Kansas.....	69	128	89	104	61	53	15	34	23	50	7		7	
Delaware.....	89	55	11	23	5	3								
Virginia.....	3			1	1									
North Carolina.....	1	1	2	4	4									
Florida.....	10	12	21	19	17	9	5	2	1					
Kentucky.....			1			1			2					
Tennessee.....	1				1									
Alabama.....	1	3	3											
Arkansas.....	1,170	108	998	510	322	313	233	190	77	125	74	133	2	
Oklahoma.....	20	6	15	11	7	6	17	7		1				
Texas.....	19	24	26	30	25	6	5	1				1		
Idaho.....	7	7	6	5	1							1		
Arizona.....	63	72	70	94	76	57	54	44	27	78	31	48	34	
Utah.....	3	8	7	1	6							1		
Washington.....	125	167	235	232	117	94	73	38	56	83	48	16	22	
Oregon.....	9	12	1	3										
Total.....	14,293	6,752	8,611	6,897	5,730	7,169	4,032	2,743	1,750	1,943	669	1,971	455	
Grand total.....	78,590	82,677	81,768	66,102	70,915	46,946	46,271	32,025	32,625	33,967	31,504	37,663	31,685	

¹ Crop-movement season extends from June 1 through December of a given year. Figures for California include shipments in January, February, and March following the regular crop-movement season.

² Preliminary.

³ Includes 6 cars in May 1934.

⁴ Includes 2 cars in January 1938.

⁵ Includes 604 cars for emergency relief.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 286.—*Grapes: Number of packages of California varieties sold, and weighted season average price,¹ auction sales in 12 markets,² 1933-38*

Variety or type	Number of packages (crates or lugs) ²						Average price per package					
	1933	1934	1935	1936	1937	1938	1933	1934	1935	1936	1937	1938
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
Flame Tokay.....	1,469	1,332	1,206	1,137	987	966	1.18	1.34	1.14	1.37	1.19	1.15
Emperor.....	649	788	830	1,208	1,033	977	1.34	1.67	1.34	1.54	1.36	1.43
Red Malaga.....	195	277	386	264	377	291	1.65	1.79	1.37	1.71	1.53	1.43
Ribier.....	221	346	374	365	535	351	1.51	1.74	1.39	1.70	1.49	1.52
Sultania (Thompson Seedless).....	1,779	2,329	2,219	2,391	2,598	2,441	1.43	1.52	1.37	1.53	1.48	1.36
Malaga.....	1,162	1,558	978	1,075	981	888	1.11	1.15	1.13	1.26	1.11	1.08
Muscat.....	1,467	807	1,170	541	1,165	625	.99	1.11	.94	1.16	.99	1.15
Alicante Bouschet.....	1,957	2,339	1,989	1,239	1,786	1,235	1.07	1.08	.405	1.31	1.16	1.22
Carignane.....	737	858	922	354	586	384	.98	1.02	.85	1.18	.91	1.02
Cornichon.....	147	163	163	168	173	188	1.10	1.29	1.05	1.36	1.18	1.07
Mataro.....	40	31	53	17	21	12	1.01	.97	1.00	.97	.92	1.01
Mission.....	127	50	72	87	53	122	.92	1.10	1.00	1.34	.87	.99
Petit Sirah.....	16	26	27	13	16	9	1.22	1.02	1.05	1.20	1.21	1.11
Zinfandel.....	627	598	745	499	772	552	1.13	1.16	1.10	1.23	1.27	1.18
Total or average.....	10,596	11,500	11,164	9,358	11,083	9,074	1.17	1.29	1.15	1.41	1.25	1.25

¹ Season begins about Aug. 1 and ends in November.

² Baltimore, Boston, Chicago, Cincinnati, Cleveland, Detroit, Minneapolis, St. Paul, New York, Philadelphia, Pittsburgh, and St. Louis. Auction sales at Jersey City are included with New York.

³ Table stock mostly in packages containing about 28 pounds; juice stock in packages containing mostly 28 to 40 pounds.

Bureau of Agricultural Economics. Compiled from daily reports of the fruit and vegetable market news service. Only principal varieties shown.

TABLE 287.—*Grapes, Concord: Average wholesale price per 12-quart basket, specified markets, by State of origin, October 1929-38*

October—	Price of New York Concord at—				Price of Michigan Concord at—		
	Boston	New York	Philadel- phia	Pitts- burgh	Chicago	Minne- apolis	St. Louis
	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	50	54	51	48	41	56	46
1930.....	57	51	54	48	41	53	56
1931.....	—	36	34	29	32	44	42
1932.....	32	31	31	24	18	26	23
1933.....	38	35	36	29	26	—	31
1934.....	43	41	43	36	31	36	35
1935.....	37	33	32	27	23	33	27
1936.....	56	50	50	52	48	54	55
1937.....	41	38	38	33	24	36	30
1938.....	32	35	42	45	160	176	166

¹ New York State Concord.

Bureau of Agricultural Economics. Compiled from daily market reports from Bureau representatives in the various markets. Average prices as shown are based on stock of good merchantable quality and condition, in less than car lot quantities; they are simple averages of daily range of selling prices.

TABLE 288.—*Kale, commercial crop: Acreage, production, season average price per bushel received by farmers, and farm value, 1928-38*

Utilization and year	Acreage harvested	Average yield per acre	Pro- duction	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Pro- duction	Price	Farm value
For market: ¹	<i>Acres</i>	<i>Bush- els²</i>	<i>1,000 bushels</i>	<i>Dol- lar</i>	<i>1,000 dol- lars</i>	For market: ¹	<i>Acres</i>	<i>Bush- els²</i>	<i>1,000 bushels</i>	<i>Dol- lar</i>	<i>1,000 dol- lars</i>
1928.....	1,800	400	720	0.50	360	1934.....	2,200	150	330	0.40	132
1929.....	1,800	450	810	.35	284	1935.....	1,800	190	342	.35	120
1930.....	1,900	410	738	.40	295	1936.....	1,300	275	358	.30	107
1931.....	2,400	290	480	.50	240	1937.....	1,050	410	430	.30	129
1932.....	1,800	600	1,080	.20	216	1938.....	1,050	490	514	.30	154
1933.....	1,800	500	900	.35	315						

¹ Virginia only.

² Bushels containing approximately 18 pounds.

Bureau of Agricultural Economics.

TABLE 289.—*Lettuce, commercial crop: Acreage, production, season, average price per crate received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Pro- duction	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Pro- duc-	Price	Farm value
For market:	<i>Acres</i>	<i>Crates¹</i>	<i>1,000 crates</i>	<i>Dol- lars</i>	<i>1,000 dol- lars</i>	For market:	<i>Acres</i>	<i>Crates¹</i>	<i>1,000 crates</i>	<i>Dol- lars</i>	<i>1,000 dol- lars</i>
1918.....	15,840	239	3,787	1.63	6,176	1929.....	139,240	143	19,968	1.81	36,199
1919.....	19,570	221	4,330	1.91	8,270	1930.....	173,350	114	19,770	1.71	33,889
1920.....	32,520	237	7,703	1.53	11,776	1931.....	175,430	112	19,609	1.48	28,044
1921.....	31,180	231	7,214	1.89	13,651	1932.....	163,650	109	17,820	1.26	21,729
1922.....	46,870	198	9,292	1.88	17,493	1933.....	141,110	123	17,374	1.27	21,989
1923.....	56,430	184	10,369	1.60	16,579	1934.....	154,120	125	19,237	1.36	25,725
1924.....	64,470	193	12,422	1.60	19,879	1935.....	152,490	127	19,412	1.44	28,025
1925.....	80,640	179	14,427	1.45	19,928	1936.....	165,640	129	21,355	1.45	30,279
1926.....	103,990	156	16,270	1.66	25,102	1937.....	153,100	138	21,135	1.57	32,758
1927.....	121,680	153	18,634	1.35	22,886	1938.....	149,520	130	19,431	1.50	28,762
1928.....	124,660	150	18,647	1.70	31,793						

¹ In terms of Western crates containing approximately 70 pounds, mostly packed 4 to 6 dozen heads per crate.

² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 720,000 crates in 1925, 1,170,000 in 1926, 1,850,000 in 1927, 510,000 in 1932, 95,000 in 1933, 300,000 in 1934, 457,000 in 1936, 220,000 in 1937, and 281,000 in 1938.

Bureau of Agricultural Economics.

TABLE 290.—*Lettuce, commercial crop: Acreage, production, and season average price per crate received by farmers, average 1927-36, annual 1937 and 1938*

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Early:									
Arizona.....	<i>Acres</i> 13,380	<i>Acres</i> 13,500	<i>Acres</i> 13,300	<i>1,000 crates</i> ¹ 1,342	<i>1,000 crates</i> ¹ 1,755	<i>1,000 crates</i> ¹ 1,436	<i>Dollars</i> 1.40	<i>Dollars</i> 1.30	<i>Dollars</i> 1.25
Calif., Imperial Valley.....	29,480	20,000	21,800	3,556	2,900	2,834	1.50	2.50	1.00
Florida.....	1,780	1,700	1,900	495	454	506	1.23	1.05	.70
Lettuce.....	¹ 1,130	800	900	¹ 272	148	166	¹ 1.35	1.15	.90
Escarole.....	¹ 620	900	1,000	¹ 243	306	340	¹ 1.05	1.00	.60
Texas.....	¹ 880			¹ 49			¹ .95		
Total or average.....	45,040	35,200	37,000	5,428	5,109	4,776	1.43	1.96	1.04
Second early:									
Arizona.....	14,670	17,000	17,400	¹ 1,650	2,635	¹ 2,401	1.65	2.00	1.90
California, other.....	29,290	31,400	34,150	3,328	3,768	3,244	1.55	1.75	2.30
North Carolina.....	1,310	1,200	1,400	¹ 123	84	101	1.50	1.60	2.80
South Carolina.....	470	400	450	72	40	58	1.45	1.70	1.60
Total or average.....	45,740	50,000	53,400	5,173	6,527	5,804	1.60	1.85	2.15
Intermediate:									
Idaho.....	140	150	120	23	15	12	1.25	1.10	1.10
New Jersey.....	1,040	1,300	1,400	226	260	315	1.40	1.00	1.30
Oregon.....	170	200	250	15	20	29	.90	.90	1.00
Virginia.....	220	250	300	38	42	48	1.55	1.50	1.35
Washington.....	3,110	3,000	1,800	¹ 617	¹ 600	405	.85	.70	.90
Total or average.....	4,680	4,900	3,870	919	937	809	1.03	.86	1.09
Late (Section 1):									
California.....	12,420	21,500	16,300	1,563	2,580	2,364	1.75	1.55	1.30
Colorado.....	7,230	4,700	5,400	¹ 709	470	567	1.05	1.00	.90
New Mexico.....	280	200	150	27	20	15	1.30	1.50	1.25
New York.....	5,090	2,700	2,400	1,163	621	492	1.15	.65	1.10
Pennsylvania.....	240	300	300	37	46	45	1.30	1.60	1.30
Total or average.....	25,260	29,400	24,550	3,529	3,737	3,483	1.44	1.35	1.21
Late (Section 2):									
California.....	28,130	29,500	26,800	3,733	4,278	4,154	1.60	1.10	1.55
Idaho.....	620	1,600	1,400	95	176	175	.90	.55	.95
New Jersey.....	850	600	600	168	75	36	1.40	.85	1.20
Oregon.....	360	1,300	850	¹ 50	¹ 156	68	.90	.80	.95
Washington.....	460	700	1,050	¹ 88	140	126	1.00	.70	.95
Total or average.....	30,420	33,600	30,700	4,134	4,825	4,559	1.56	1.06	1.50
Grand total.....	151,140	153,100	149,520	19,183	21,135	19,431	1.48	1.57	1.50

¹ In terms of western crates containing approximately 70 pounds (mostly packed 4 to 6 dozen heads per crate).

² Includes some quantities not harvested on account of market conditions: Arizona (second early), 281,000 crates in 1938; Washington (intermediate), 160,000 crates in 1937; Oregon (late), 60,000 crates in 1937. Prices refer to harvested portion of crop.

³ Short-time acreage.

Bureau of Agricultural Economics; estimates based on returns from crop reporters. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 291.—*Lettuce: Carlot shipments, by State of origin, 1926-38*¹

Group and State	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Fall and early:													
Arizona.....	Cars 2,531	Cars 2,864	Cars 4,846	Cars 4,953	Cars 3,690	Cars 3,987	Cars 2,728	Cars 3,232	Cars 2,814	Cars 5,818	Cars 4,427	Cars 5,268	Cars 6,263
California, Imperial Valley.....	11,163	11,029	11,864	12,654	13,024	11,137	12,292	9,232	8,292	5,473	7,799	7,612	6,936
Florida.....	707	950	880	1,117	560	940	440	465	420	316	324	321	360
Texas.....	120	89	100	81	53	42	13	8	-----	13	5	5	8
Total.....	14,521	14,932	17,690	18,805	17,327	16,106	15,473	12,937	11,526	11,620	12,555	13,206	13,567
Second early:													
Alabama.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----
Arizona.....	2,041	4,815	4,479	4,332	4,741	3,863	4,283	3,084	3,647	5,123	6,355	7,924	4,534
California, other.....	6,416	6,218	9,191	7,623	9,620	9,302	7,462	7,612	10,182	9,019	11,228	9,792	7,393
Georgia.....	38	28	19	12	-----	-----	1	3	-----	-----	11	6	5
Louisiana.....	4	8	2	-----	5	2	-----	-----	-----	-----	-----	-----	-----
Michigan.....	-----	-----	-----	-----	-----	10	-----	-----	-----	-----	-----	-----	-----
North Carolina.....	540	446	477	363	364	498	110	195	44	190	142	83	61
Ohio.....	41	35	54	29	41	19	46	41	37	9	30	10	23
South Carolina.....	372	369	241	310	469	278	46	115	84	74	182	67	48
Tennessee.....	-----	-----	-----	-----	1	-----	-----	-----	1	-----	-----	-----	-----
Total.....	9,452	11,919	14,463	12,669	14,941	13,962	11,968	11,951	13,995	14,421	17,948	17,884	12,064
Intermediate:													
Idaho.....	58	43	3	14	28	25	31	31	150	63	34	45	31
Maryland.....	2	-----	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----
Missouri.....	12	-----	3	1	8	3	3	3	-----	1	-----	-----	-----
Nevada.....	6	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Jersey.....	105	81	27	88	22	18	8	1	-----	-----	-----	1	-----
Oregon.....	37	10	2	14	14	20	38	37	29	14	19	-----	8
Virginia.....	40	38	29	39	14	3	4	1	3	5	-----	1	2
Washington.....	835	1,085	1,054	1,480	1,994	1,647	1,456	1,344	1,338	851	615	357	496
Total.....	1,095	1,261	1,128	1,608	2,080	1,716	1,539	1,420	1,518	935	673	404	537
Late:													
California.....	9,819	10,730	12,146	15,254	14,874	15,603	14,270	14,061	16,177	16,635	15,890	17,817	16,297
Colorado.....	2,795	2,848	2,368	2,109	1,610	1,004	598	664	466	359	238	346	475
Idaho.....	340	153	69	62	126	155	206	356	329	218	296	569	484
Maine.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Minnesota.....	-----	5	-----	1	2	-----	-----	-----	-----	-----	-----	-----	-----
Montana.....	5	7	19	27	27	4	5	1	24	16	32	6	-----
Nevada.....	9	2	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Hampshire.....	-----	-----	-----	2	-----	-----	-----	-----	-----	-----	16	2	-----
New Jersey.....	198	227	107	111	5	-----	2	-----	-----	-----	-----	-----	1
New Mexico.....	119	61	49	23	16	-----	-----	19	13	-----	4	-----	-----
New York.....	3,019	3,496	3,140	3,704	3,219	3,291	2,500	1,266	899	859	526	720	715
North Carolina.....	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Ohio.....	7	12	24	17	47	15	30	22	25	-----	8	10	6
Oregon.....	8	8	7	1	-----	-----	1	29	155	76	135	195	112
Pennsylvania.....	36	25	3	5	5	12	7	4	-----	-----	-----	-----	-----
South Dakota.....	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Utah.....	3	3	2	12	-----	-----	19	7	-----	-----	1	-----	1
Virginia.....	35	3	8	12	-----	-----	-----	-----	-----	2	-----	-----	-----
Washington.....	69	66	186	267	236	131	139	122	88	16	69	140	63
Wyoming.....	15	65	8	21	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total.....	16,478	17,712	18,139	21,605	20,181	20,215	17,777	16,551	18,141	18,181	17,225	19,805	18,164
Grand total.....	41,546	45,824	51,420	54,687	54,529	51,999	46,757	42,859	45,180	45,157	48,401	51,299	44,322

¹ Bulk of shipments: Fall and early, October of preceding year through April; second-early, February-June; intermediate, May-August; late, June-November.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country. Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 292.—Olive oil (including inedible): International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUN- TRIES	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Spain.....	164,975	2	158,413	0	136,829	0	30,765	24,073	45,027	49,916
Italy.....	66,494	1,769	103,786	108,202	42,651	61,750	68,614	1,579	41,522	9
Tunisia.....	33,947	1,458	89,238	356	108,413	217	176	22,558	19,705	2,516
Greece.....	28,599	81	39,440	2	41,736	506	25,962	977	19,135	2,516
Algeria.....	28,466	115	29,122	941	57,643	8	14,720	0	1,635	175
Turkey.....	18,185	198	20,897	8	14,720	0	1,635	175	18,893	220
Syria and Lebanon ²	4,283	339	4,629	613	13,977	88	17,703	182	1,708	37
Yugoslavia.....	1,077	861	257	277	335	134	419			
Total.....	366,026	4,823	445,837	110,399	416,304	62,871	167,656	26,962	153,045	52,698
PRINCIPAL IMPORTING COUNTRIES										
United States.....	0	135,847	0	128,269	0	124,329	0	90,418	0	75,314
Argentina.....	0	95,334	0	87,340	31	47,301	48	33,706	54	26,928
France.....	13,958	40,146	21,925	57,538	27,749	63,067	28,701	69,655	40,747	51,557
United Kingdom.....	324	19,100	275	22,933	245	24,418	294	25,282	443	16,497
Cuba.....	0	16,654	0	13,108	0	19,915	0	14,204	0	1,456
Uruguay.....	0	14,103	4	3,211	1	2,789	0	1,143	0	4,286
Brazil.....	0	13,410	0	13,355	0	9,679	0	8,094	0	4,286
Norway.....	0	12,808	0	11,468	0	9,105	0	10,115	0	6,570
Portugal.....	0	7,098	0	5,871	0	7,308	0	7,198	0	5,525
Palestine.....	5,722	6,659	6,933	10,268	5,800	13,475	8,289	19,064	7,345	1,961
Canada.....	710	5,726	1,151	2,442	1,108	4,763	1,009	1,360	3,777	388
Switzerland.....	0	4,044	0	5,344	0	6,667	0	3,415	0	2,827
Egypt.....	2	3,443	6	4,758	1	5,001	0	4,510	1	2,175
Germany.....	32	2,666	10	4,809	6	5,001	5	7,085	3	3,733
Mexico.....	53	2,631	56	3,201	24	4,833	17	8,464	0	9,258
Rumania.....	0	2,230	0	2,952	10	3,373	0	2,579	0	1,286
Australia ³	1	1,871	0	1,275	0	1,127	0	648	0	570
Venezuela.....	1	1,545	1	2,300	0	3,373	0	3,175	0	2,910
Belgium.....	0	1,501	0	1,161	0	1,118	0	1,118	0	1,118
Peru.....	33	1,319	12	1,335	19	948	17	995	9	614
Bulgaria.....	0	1,272	3	921	1	1,231	0	759	0	411
Czechoslovakia.....	0	1,227	0	389	0	234	0	292	0	308
Poland.....	24	958	0	1,166	0	1,087	0	783	0	573
Paraguay ⁴	15	797	2	880	0	1,067	1	943	0	457
Sweden ⁵	0	621	0	374	0	22	0	107	0	126
Philippine Islands.....	4	454	15	753	4	888	20	790	6	696
Ecuador ⁶	0	312	0	325	0	279	0	391	0	172
Haiti ⁶	0	291	0	253	0	375	0	265	0	172
Morocco.....	0	321	0	180	0	114	0	107	0	126
Union of South Africa.....	4,206	282	1	3,694	41	2,308	1,115	1,399	1,115	1,399
Malta.....	0	264	0	364	0	497	0	518	0	616
Finland.....	0	230	0	262	0	231	0	132	0	96
Netherlands.....	0	202	0	190	0	218	0	145	0	195
New Zealand.....	7	181	23	327	36	393	11	280	26	245
Denmark.....	0	173	0	283	0	444	0	286	0	286
Total.....	25,098	395,874	30,422	398,540	35,073	370,188	39,532	318,322	52,415	217,410

¹ Preliminary.² 4-year average.³ International Yearbook of Agricultural Statistics.⁴ 3-year average.⁵ Beginning 1931, includes sesame oil.⁶ Year ending September.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Conversions made on the basis of 7.5 pounds to the gallon.

TABLE 293.—*Olives: Production and season average price per ton received by farmers, California, 1919-38*¹

Year	Production	Price	Farm value	Year	Production	Price	Farm value
	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1919.....	8,800	160.00	1,408	1929.....	21,000	75.00	1,575
1920.....	8,000	95.00	760	1930.....	20,000	70.00	1,400
1921.....	8,500	90.00	765	1931.....	15,500	46.00	713
1922.....	9,700	125.00	1,212	1932.....	22,000	20.00	457
1923.....	17,000	65.00	1,105	1933.....	14,000	58.00	812
1924.....	6,500	92.00	598	1934.....	17,700	85.60	1,515
1925.....	15,000	60.00	900	1935.....	32,000	49.80	1,594
1926.....	12,200	80.00	976	1936.....	27,000	62.40	1,685
1927.....	20,800	80.00	1,664	1937.....	28,000	68.85	1,928
1928.....	22,000	80.00	1,760	1938 ²	40,000	46.00	1,840

¹ According to the 1930 census there is some commercial production of olives in Arizona and a few minor States, but 99 percent of the 1929 production was in California.

² Includes 5,200 tons not harvested on account of market conditions. Price and value apply only to the harvested portion of the crop.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 294.—*Onions, commercial crop: Acreage, production, season average price per sack received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Sacks¹</i>	<i>1,000 sacks</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Sacks¹</i>	<i>1,000 sacks</i>	<i>Dollars</i>	<i>1,000 dollars</i>
For market:						For market:					
1918.....	66,200	164	10,849	1.81	19,688	1929.....	100,040	140	14,042	1.47	20,561
1919.....	54,030	151	8,168	3.04	24,800	1930.....	92,380	159	14,716	.97	14,193
1920.....	69,390	171	11,870	1.44	17,152	1931.....	97,530	110	10,696	1.85	19,081
1921.....	59,740	132	7,910	2.80	22,129	1932.....	120,560	129	15,516	.81	12,146
1922.....	66,510	158	10,481	1.77	18,556	1933.....	105,470	115	12,179	1.27	15,520
1923.....	65,870	149	9,793	2.26	22,119	1934.....	113,480	114	12,892	1.34	17,024
1924.....	68,740	157	10,813	1.92	20,737	1925.....	143,730	101	14,489	1.42	20,099
1925.....	67,330	163	10,998	2.20	24,179	1936.....	173,770	99	17,217	.85	13,820
1926.....	81,460	150	12,245	1.68	20,540	1937.....	134,560	110	14,786	1.31	19,267
1927.....	84,530	158	13,381	1.68	22,454	1938.....	137,990	108	14,915	1.07	15,427
1928.....	93,860	122	11,441	2.29	26,019						

¹ Sacks containing 100 pounds.

² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 88,000 sacks in 1928, 83,000 in 1929, 43,000 in 1930, 363,000 in 1931, 602,000 in 1932, 186,000 in 1934, 314,000 in 1935, 924,000 in 1936, 140,000 in 1937, and 535,000 in 1938.

Bureau of Agricultural Economics.

TABLE 295.—Onions, commercial crop: Acreage, production, and season, average price per sack received by farmers, average 1927-36, annual 1937 and 1938

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Early (Bermuda):	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks¹</i>	<i>1,000 sacks¹</i>	<i>1,000 sacks¹</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Louisiana.....	1,540	1,700	1,700	78	92	85	1.85	1.80	1.45
Texas.....	39,230	52,380	61,130	1,777	1,781	1,895	1.80	1.55	1.20
California.....	2,500	1,650	1,250	317	256	188	2.00	1.95	1.70
Total or average.....	43,270	55,730	64,080	2,172	2,129	2,168	1.83	1.59	1.25
Intermediate (sec. 1):									
Texas, north.....	8,600	17,700	11,800	380	796	507	1.80	1.00	1.45
California.....	1,520	2,800	1,800	323	476	261	1.15	.75	1.50
Total or average.....	10,120	20,500	13,600	703	1,272	768	1.29	.91	1.47
Intermediate (sec. 2):									
New Jersey.....	2,880	3,700	3,400	394	555	459	1.70	1.50	1.35
Virginia.....	620	800	800	48	76	96	1.55	1.50	1.20
Kentucky.....	490	150	160	54	22	26	1.35	1.50	1.50
Oklahoma.....	1,750	400	300	118	18	15	1.20	1.00	1.00
Iowa, Scott County district.....	960	450	450	130	77	115	1.45	1.10	1.05
Washington, Walla Walla County.....	700	500	700	108	138	126	1.05	.75	.55
Total or average.....	6,450	6,000	5,810	871	886	837	1.42	1.34	1.17
Late:									
Massachusetts.....	3,260	3,550	3,050	684	639	732	1.35	1.23	.85
New York.....	8,750	13,680	14,100	2,038	2,572	2,961	1.45	1.55	1.20
Pennsylvania.....	330	380	380	51	72	68	1.35	1.25	1.05
Total or average.....	12,340	17,610	17,530	2,773	3,283	3,761	1.40	1.40	1.15
Central:									
Ohio.....	5,110	2,200	1,950	668	286	312	1.50	1.67	1.25
Indiana.....	7,080	2,700	2,500	1,111	500	398	1.35	1.42	1.05
Illinois.....	680	380	340	79	42	44	1.45	1.34	.85
Michigan.....	7,640	9,200	10,800	1,375	1,426	1,836	1.35	1.37	1.05
Wisconsin.....	1,110	1,150	1,210	183	196	218	1.30	1.12	.75
Minnesota.....	2,220	3,200	3,400	413	720	510	1.20	1.09	.80
Iowa, other.....	1,380	700	600	222	158	90	1.15	1.13	.90
Total or average.....	25,180	19,630	20,800	4,051	3,328	3,407	1.34	1.32	1.00
Western:									
Idaho.....	1,730	2,500	2,400	508	875	864	1.10	1.00	.65
Colorado.....	4,720	4,400	4,900	810	1,012	1,029	1.25	1.30	1.05
Utah.....	1,050	1,200	1,250	262	342	294	1.05	1.07	.75
Nevada.....	150	120	120	21	23	32	1.20	1.40	1.00
Washington, other.....	1,030	1,400	1,500	288	420	315	1.25	1.05	.60
Oregon.....	1,430	2,200	2,800	339	660	812	1.35	1.30	.80
California.....	5,100	3,370	3,140	883	556	628	1.20	1.10	1.20
Total or average.....	15,180	15,190	16,110	3,087	3,888	3,974	1.21	1.16	.88
Total, late.....	52,700	52,330	54,440	9,911	10,499	11,142	1.32	1.31	1.00
Grand total.....	112,540	134,560	137,930	13,657	14,786	14,915	1.40	1.31	1.07

¹ Sacks containing 100 pounds.² Includes acreage of Creole onions.³ Estimates for Texas are now made for the actual planted acreage, regardless of width between the rows of onions (plantings are made in rows from 12 to 36 inches apart). Formerly, acreage was reduced in this report to the equivalent of rows 12 inches apart.⁴ Includes quantities not harvested on account of market conditions: Texas (early), 76,000 sacks in 1937 and 43,000 in 1938; Massachusetts (late), 64,000 sacks in 1937 and 266,000 in 1938; New York, 236,000 sacks in 1938. Price refers to harvested portion of crop.⁵ Short-time average.

Bureau of Agricultural Economics; estimates based on returns from crop reporters. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 296.—Onions: Carlot shipments, by State of origin, from crops of 1927-37¹

Group and State	Crop of—										
	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²
Early:	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Florida.....	288	104	110	20	107	30	24	199	80	24	28
Louisiana.....	4,026	7,081	7,232	6,312	5,718	8,341	4,924	6,432	7,274	9,402	7,245
Texas.....	145	283	309	262	307	434	506	485	530	563	623
California, central district.....	1,717	1,266	1,572	1,061	562	530	263	300	187	155	73
California, southern district.....											
California, Imperial Valley.....		3	2								
Total.....	6,178	8,757	9,229	7,658	6,694	9,335	5,717	7,416	8,071	10,144	7,969
Intermediate:											
Arkansas.....	10	16	3	1	1						
California, northern district.....	336	257	753	1,023	836	566	984	1,124	894	785	788
Georgia.....	1	2	4	3	3						
Iowa.....	412	492	488	664	393	527	353	74	177	204	213
Kansas.....	24	4	10	5	1	1	5			9	
Kentucky.....	145	69	59	12	38	13	43	10	17	1	2
Maryland.....	1	3					1				
Mississippi.....			1		1						
Missouri.....	10	3		1	1	2	7	3	3	10	7
New Jersey.....	295	333	239	193	219	105	150	119	72	74	150
North Carolina.....			2		4					1	
Oklahoma.....	9	18	9	17	80	66	49	64	74	3	14
South Carolina.....	18	18	8	6	7	18	5	8	7	2	
Tennessee.....	130	176	229	108	147	60	38	109	74	80	142
Virginia, Eastern shore.....	1		4	1		1		4	1	1	
Virginia, Norfolk section.....		2	1								1
Virginia, other.....	743	510	767	760	569	235	239	695	539	210	330
Washington.....											
Total.....	2,135	1,903	2,578	2,794	2,300	1,594	1,874	2,210	1,859	1,379	1,647
Late (important States):											
California, northern district.....	1,318	1,889	1,134	1,291	1,373	374	1,207	838	590	446	477
California, central district.....	223	688	317	406	288	36	76	51	105	245	454
Colorado.....	1,460	2,244	4,042	2,124	1,482	1,593	1,723	1,090	1,845	1,130	2,296
Idaho.....	891	1,152	731	677	1,315	299	1,088	2,345	2,332	1,488	2,672
Illinois.....	142	160	142	193	69	152	40	14	28	26	51
Indiana.....	5,000	3,939	5,195	6,879	2,750	4,878	1,827	945	1,057	1,319	1,046
Iowa.....	920	938	1,004	1,056	306	504	355	39	459	187	452
Massachusetts.....	2,495	1,416	1,854	1,474	1,360	597	599	988	465	387	299
Michigan.....	2,653	2,664	2,964	5,499	2,800	4,770	4,913	6,170	3,629	6,954	3,844
Minnesota.....	1,289	1,077	1,448	1,141	740	1,527	1,710	163	2,166	1,106	2,512
New York.....	4,102	1,807	3,985	4,226	3,272	2,570	2,931	4,887	3,829	4,521	3,896
Ohio.....	4,070	1,774	2,988	2,293	1,341	1,397	956	528	541	519	367
Oregon.....	671	663	660	730	1,062	519	1,365	1,123	1,633	713	1,608
Utah.....	654	1,029	950	851	495	472	674	779	779	837	860
Washington.....	550	643	650	704	730	410	747	831	918	695	990
Wisconsin.....	279	294	241	219	199	236	175	56	161	134	355
Total.....	26,726	22,397	28,305	20,505	19,672	20,340	20,184	20,742	20,537	20,677	22,179
Late crop (other States):											
Arizona.....	2			2	11	5				3	5
California, southern district.....	14	106	57	19	18	24	8	22	19	22	25
Connecticut.....	11	15	5	6						1	
Montana.....		15	10	8	17	8	6	5	6	5	20
Nebraska.....	51	64	57	47	50	48	41	50	57	66	53
Nevada.....	6		2								
New Hampshire.....	13	23	2		7	2		9	17	6	
New Mexico.....	20	19	3	19	17		2	3	2		13
Pennsylvania.....	28	16	28	5	15	1	9	5	5	1	7
South Dakota.....	3	1					1				
Vermont.....	3	4	5	4	2						
Wyoming.....	1	6			4			4	3		12
Total.....	152	269	169	110	141	89	67	99	109	104	135
Grand total.....	35,191	33,326	40,281	40,067	28,807	31,358	27,542	30,467	30,576	32,304	31,936

¹ Bulk of shipments: Early crop, March-August; intermediate, June-August; late, August-April of following year.

² Preliminary.

³ Includes northern Texas intermediate crop, which is usually about one-fourth as large as the southern Texas early crop.

⁴ Includes shipments for emergency relief as follows: 1935, 28 cars; 1936, 268 cars; 1937, 454 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in car lots include those by boat reduced to car lot basis. Shipments by truck not included.

TABLE 297.—Onions: Average wholesale price per 100 pounds, New York and Chicago, 1929-39

Variety, market, and season beginning April	April		May		June				
	Yellow	Crystal white wax	Yellow	Crystal white wax	Yellow	Crystal white wax			
Bermuda:									
New York:	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars			
1929	4.47		3.10		3.50				
1930	3.40	4.05	2.60		2.96				
1931					3.20				
1932	1 6.52		1 2.78	1 2.71	1 1.69				
1933	1 2.27		1 2.42		1 3.38				
1934	1 2.99	1 3.11	1 1.87	1 1.97	1 3.18	3.20			
1935	1 5.06		1 4.45		1 3.69				
1936	1 2.42	1 2.52	1 1.68	1 1.72	1 2.00				
1937	1 3.18	1 3.22	1 2.72	1 2.80	1 2.06				
1938	1 3.54		1 2.68		1 2.56				
1939	1 2.94		1 2.20	1 2.40					
Chicago:									
1929	4.07	5.22	3.06	3.33	3.45	4.42			
1930	3.87	4.55	2.78	3.15	3.02	3.48			
1931			3.26	3.71	2.93	3.14			
1932	1 6.66	1 7.16	2.42	2.60	1.68	1.84			
1933	1 2.49	1 2.61	2.38	2.57	2.88	2.92			
1934	1 2.59	1 3.02	2.04	2.11	2.76	2.84			
1935	1 4.93	1 5.16	4.27	4.34	3.12	3.10			
1936	1 1.94	1 2.40	1.72	1.90	1.86	1.82			
1937	1 3.00	1 3.64	2 2.58	3 3.06	1 1.96	1 2.10			
1938	1 3.16	1 3.84	2.58	3 3.16	2.58	2.54			
1939	1 2.74	1 3.66	2.02	2.16					
Season beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
New York:									
Valencia:								1 2.96	2.47
1929			2.62	1 2.30	2.70	2.29			
1930			3.65	3.29	3.33	4.13			
1931		2.98	1.83	1.65			1.85	1.84	1.96
1932			2 2.56	2.59	2.50	2.59	3.14	3.29	3.09
1933		3.03	2.71	2.44	2.61	2.65	2.81	3.86	4.95
1934	3.01	2.94	2.73	2.63	2.82	2.74	3.18	3.10	2.94
1935		2.35	2.68	2.60	2.22	2.16	2.22	3.04	3.50
1936	2.28		2.50	2.56	2.64	2.76	3.48	3.64	3.42
1937		3.40	3.00	2.52	2.46	2.56	2.72	2.70	3.16
1938	3.14	2.80	2.74	2.52	2.46	2.56	2.72	2.70	3.16
Yellows:									
1929	3.11	2.30	2.00	1.84	1.86	2.17	2.08	2.13	1.95
1930	2.24	1.74	1.49	1.40	1.24	1.37	1.18	1.11	1.23
1931	1.54	1.89	2.15	2.40	2.64	3.76	4.38	4.55	6.38
1932	1.49	1.30	1.07	1.09	1.08	1.06	1.02	1.12	1.64
1933	2.60	1.80	1.77	1.67	1.80	2.40	2.70	2.65	2.37
1934	2.20	1.82	1.68	1.79	2.28	2.22	2.12	3.29	4.66
1935	1.72	1.48	1.83	2.10	2.18	2.19	2.48	2.24	1.56
1936	1.66	1.46	1.12	1.00	1.02	1.32	1.26	2.00	2.30
1937	1.72	1.70	1.82	2.16	2.38	2.48	2.90	2.80	2.12
1938	1.60	1.24	1.52	1.82	1.86	2.22	2.14	2.06	2.44
Chicago:									
Valencia:									
1929		2.76	2.73	1.89	1.94	1.84	2.03	2.18	1.73
1930			1 1.79	1 1.40		1.88	2.06	1.93	2.36
1931			3.38	2.89	2.72	3.42	4.85	5.46	7.23
1932		1.61	1.80	1.33	1.22	1.34	1.21	1.26	1.43
1933		1 2.38	2.34	1.70	1.70	1.95	2.65	2.54	2.42
1934		2.23	1.81	1.75	2.00	2.00	2.31	3.52	4.93
1935		1.76	2.11	2.00	2.32	2.22	2 2.66		2.48
1936			1.94	1.56	1.54	1.54	1.74		2.76
1937			2.28	2.02	2.10	2.24	3.28	3.10	2.72
1938		1 2.16	1.94	1.76	1.86	2.00	2.16	2.04	2.68
Yellows:									
1929	3.13	2.48	1.82	1.57	1.61	1.74	1.71	1.92	1.61
1930	2.16	1 1.87	1 1.47	1 1.92	1 1.83	1.00	.89	.63	.81
1931	2.08	1.72	1.78	1.89	2.10	3.02	3.92	4.52	6.01
1932		.84	.70	.79	.67	.67	.65	.68	.90
1933	2.14	2.20	1.72	1.33	1.41	1.88	2.38	2.22	1.77
1934	2.29	2.15	1.53	1.55	1.91	1.96	1.83	2.77	4.26
1935	1.79	1.50	1.54	1.56			1.92	1 1.72	1 1.16
1936	1.82	1 1.66	1 1.18	1 1.86	1 1.82	1 1.96	1 1.66	1 1.66	1 1.68
1937	2.02	1 1.46	1 1.36	1 1.58	1 1.78	2.16	2 2.50	2.50	1.72
1938	2.20	1 1.80	1.20	1.42	1.50	1.64	1.76	1.70	1 1.86

¹ No quotations for U. S. No. 1 grade: prices shown are for U. S. Commercial grade which is not comparable with U. S. No. 1.

² Carlot sales.

³ Less than 10 quotations.

⁴ Street sales, truck receipts.

⁵ Small to medium size.

⁶ Generally fair quality.

Bureau of Agricultural Economics. Compiled from daily market reports from Bureau representatives in the markets.

Average prices as shown are based on stock of U. S. No. 1 grade, except as otherwise stated; they are simple averages of daily range of selling prices in less than carlot quantities. In some cases conversions have been made from larger to smaller units or vice versa, in order to obtain comparability.

TABLE 298.—Peaches: Total production, value, and domestic exports, United States, 1919-38¹

Year	Pro- duc- tion	Season average price per bushel re- ceived by farm- ers ²	Farm value	Production of dried and canned peaches in terms of fresh fruit		Domestic exports, year beginning July ³				
				Dried	Canned	Fresh	Dried	Canned ⁴	Total in terms of fresh	Per- cent age of produc- tion
	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	Percent
1919.....	50,686									
1919.....	51,810	1.89	98,152	7,456		12,756			1,399	2.7
1920.....	44,601	2.04	90,912	5,702		3,573			392	0.9
1921.....	32,813	1.48	48,539	4,605	5,281	* 611	6,260		699	2.1
1922.....	57,405	1.33	76,315	6,140	8,235	13,170	5,586	54,624	2,025	3.5
1923.....	44,790	1.37	61,139	5,702	6,711	15,065	12,975	50,374	2,786	6.2
1924.....	47,755									
1924.....	51,754	1.24	64,061	5,373	5,757	16,172	4,668	57,390	2,044	3.9
1925.....	45,517	1.37	62,220	3,553	9,509	15,749	3,351	83,160	2,428	5.3
1926.....	* 66,309	.99	64,075	6,184	13,180	14,453	6,968	81,896	2,771	4.2
1927.....	* 43,187	1.17	47,416	3,728	10,137	17,969	6,542	86,634	2,897	6.7
1928.....	* 66,062	.97	60,000	6,184	13,684	22,067	12,436	101,438	3,937	6.0
1929.....	45,827									
1929.....	44,737	1.37	61,300	3,399	7,634	19,973	3,847	74,470	2,389	5.3
1930.....	* 55,346	.89	45,293	5,724	12,472	12,859	8,482	75,763	2,776	5.0
1931.....	* 77,053	.57	41,059	4,715	7,809	10,731	8,490	66,300	2,536	3.3
1932.....	* 43,294	.53	19,461	4,868	6,081	3,298	7,649	74,999	2,470	5.7
1933.....	* 45,271	.76	32,919	5,132	9,671	3,371	7,569	81,464	2,597	5.7
1934.....	44,748									
1934.....	* 47,685	.81	36,801	5,680	8,066	4,884	6,351	50,419	1,849	3.9
1935.....	54,690	.85	46,296	4,276	10,525	10,041	6,097	102,957	3,023	6.5
1936.....	47,650	.85	45,455	5,768	10,467	16,071	7,045	60,244	2,562	5.0
1937.....	59,724	1.02	60,865	4,534	12,570	8,154	6,349	56,388	2,041	3.4
1938 ⁵	* 51,945	.77	38,489							

¹ Dried peaches converted to terms of fresh on the basis that dried peaches equal 19 percent of fresh. Canned peaches converted to terms of fresh on the basis that 1 pound canned equals about 1 pound fresh; 48 pounds of fresh equals 1 bushel. No reexports reported.

² Prior to 1925 prices are as of September 15.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, June issues, 1919-26, January and June issues, 1927-38.

⁴ Canned peaches were reported in value only, prior to July 1, 1922.

⁵ Jan. 1-June 30, 1922; not separately reported prior to January 1922.

⁶ Includes some quantities not harvested on account of market conditions as follows: 1,400,000 bushels in 1926; 2,709,000 in 1927; 3,957,000 in 1928; 10,639,000 in 1930 including 6,180,000 sold but left on the trees; 8,478,000 in 1931 including 3,938,000 sold but left on the trees; 6,793,000 in 1932; 3,571,000 in 1933 including 1,404,000 sold but left on the trees; 2,208,000 in 1934, and 1,916,000 in 1938. Price and value apply only to the harvested portion of the crop plus a quantity of fruit that was sold but left on the trees in 1930, 1931, and 1933.

⁷ Preliminary.

Bureau of Agricultural Economics. Italian figures are census returns. Production of dried peaches as reported by California Cooperative Crop-reporting Service. Production of canned peaches as reported by Giannini Foundation, Berkeley, Calif. 1 case of canned peaches assumed to weigh 45 pounds. The pack included in this table is only the western pack. About 4 percent additional is packed in other States.

TABLE 299.—*Peaches: Production and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State and division	Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	1937	1938
	1,000 bush-els	1,000 bush-els	1,000 bush-els	Dollars	Dollars
New Hampshire.....	18	24	19	1.40	1.70
Massachusetts.....	116	107	88	1.60	1.40
Rhode Island.....	25	27	27	1.50	1.50
Connecticut.....	172	177	140	1.45	1.50
New York.....	¹ 1,348	1,806	1,134	1.00	1.40
New Jersey.....	1,330	1,651	1,172	1.00	1.40
Pennsylvania.....	1,607	2,673	1,842	1.00	1.25
North Atlantic.....	¹ 4,516	6,465	4,422	1.03	1.34
Ohio.....	876	1,296	481	1.30	1.55
Indiana.....	456	402	144	1.15	1.30
Illinois.....	1,424	2,117	1,425	1.25	1.20
Michigan.....	1,354	2,652	1,341	.95	1.30
Iowa.....	78	87	90	1.10	1.25
Missouri.....	672	1,728	116	.95	1.35
Nebraska.....	40	38	72	1.40	1.40
Kansas.....	123	232	43	1.25	1.25
North Central.....	5,023	8,452	3,712	1.10	1.30
Delaware.....	271	308	304	1.00	1.00
Maryland.....	374	448	352	1.05	1.10
Virginia.....	767	1,599	1,161	1.10	1.35
West Virginia.....	299	528	184	1.00	1.30
North Carolina.....	1,813	1,984	2,232	1.55	1.05
South Carolina.....	1,095	1,080	1,515	1.40	1.00
Georgia.....	¹ 5,824	2,730	5,320	1.45	1.00
Florida.....	63	36	68	1.00	.90
South Atlantic.....	¹ 10,507	8,803	11,136	1.33	1.05

State and division	Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	1937	1938
	1,000 bush-els	1,000 bush-els	1,000 bush-els	Dollars	Dollars
Kentucky.....	452	1,369	352	.90	1.15
Tennessee.....	1,214	1,820	586	1.00	1.05
Alabama.....	1,252	990	1,706	1.25	.85
Mississippi.....	750	474	1,061	1.30	.95
Arkansas.....	1,584	2,288	2,451	1.15	.85
Louisiana.....	240	269	325	1.25	1.00
Oklahoma.....	404	1,073	429	1.10	1.10
Texas.....	1,219	1,392	964	1.20	1.10
South Central.....	7,206	9,715	7,873	1.11	.94
Idaho.....	146	14	181	1.85	.65
Colorado.....	1,013	1,533	1,388	.90	.70
New Mexico.....	67	92	51	1.35	1.25
Arizona.....	63	47	22	1.50	1.70
Utah.....	534	72	564	1.85	.75
Nevada.....	4	3	6	1.75	.95
Washington.....	¹ 1,019	935	1,428	.85	.45
Oregon.....	295	241	327	1.20	.90
California.....	² 122,135	²³ 252	²⁰ 835	.84	.32
Clingstone ³	¹ 14,564	15,418	¹³ 459	.95	.23
Freestone ⁴	¹ 7,572	7,834	7,376	.61	.46
Western.....	² 25,246	26,189	²⁴ 802	.85	.38
United States.....	² 52,498	59,724	⁵¹ 945	1.02	.77

¹ Preliminary.

² Includes some quantities not harvested on account of market conditions as follows: New York, 415,000 bushels in 1931; Georgia, 1,040,000 in 1928; Washington, 83,000 in 1932; California clingstone, 2,709,000 in 1927; 2,917,000 in 1928; 10,139,000 in 1930 including 6,180,000 sold but left on the trees; 8,063,000 in 1931 including 3,938,000 sold but left on the trees; 6,376,000 in 1932; 3,571,000 in 1933 including 1,404,000 sold but left on the trees; 2,208,000 in 1934, and 1,916,000 in 1938; California freestone, 500,000 in 1930 and 334,000 in 1932. Prices apply only to the harvested portion of the crop.

³ Mainly for canning.⁴ Mainly for drying.

Bureau of Agricultural Economics.

TABLE 300.—*Peaches: Carlot shipments, United States, by months, 1929-39*

Season	May	June	July	August	Septem-ber	October	Novem-ber	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1929.....	106	2,374	10,429	14,012	8,308	222	-----	35,451
1930.....	18	2,515	12,956	15,526	7,333	142	-----	38,490
1931.....	47	2,045	15,765	23,782	4,283	148	-----	46,070
1932.....	-----	357	3,796	10,690	5,383	522	3	20,751
1933.....	7	1,476	9,161	10,388	7,183	48	-----	28,263
1934.....	54	1,675	11,656	12,831	362	8	-----	26,586
1935.....	178	2,508	9,696	10,913	4,252	161	1	27,709
1936.....	122	2,578	10,302	10,216	2,390	22	-----	25,630
1937.....	12	1,394	5,005	10,829	4,432	78	-----	21,750
1938 ¹	70	4,044	7,997	7,112	3,047	35	-----	² 25,005
1939 ¹	191	-----	-----	-----	-----	-----	-----	-----

¹ Preliminary.² Includes 21 cars for emergency relief.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included. See 1927 Yearbook, p. 855, for data for earlier years.

TABLE 301.—*Peaches: Carlot shipments, by State of origin, 1929-38*¹

State	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Massachusetts	5	3								
Connecticut	1	26	3	5	5					
New York	865	2,310	956	1,920	882	45	623	336	260	185
New Jersey	544	24	88	47	5	1	2	6	4	197
Pennsylvania	732	330	658	587	274	424	302	88	505	1
Ohio	2	98	122	106	2	6	85	4	2	10
Indiana	676	(³)	533		225	1	244	1	81	22
Illinois	4,637	(³)	5,307	46	1,783	318	2,202	147	1,460	858
Michigan	312	183	259	292	3	77	164	163	133	6
Wisconsin					1					
Missouri	56		83		7	4	7		11	3
Nebraska	1									
Kansas	2				2					18
Delaware	540	31	495	29	156		136	108	133	182
Maryland	495	83	149	60	156		136	108	133	182
Virginia	623	19	446	87	747	275	596	390	927	389
West Virginia	246	32	114	39	169	6	96	123	189	115
North Carolina	1,250	2,172	2,564	1,833	1,280	1,161	1,494	934	1,078	1,133
South Carolina	602	747	862	523	719	798	1,362	1,285	1,431	1,737
Georgia	5,298	8,623	13,589	2,024	7,896	8,204	8,626	8,200	2,697	7,399
Kentucky	60		217	3	27	30	108	56	204	3
Tennessee	1,144	256	1,364	6	245	777	106	207	403	113
Alabama	81	42	252		15	72	56	62	3	56
Mississippi	60	7	123		5	6	3	17		
Arkansas	2,679	41	4,187	233	256	1,659	644	1,123	1,214	1,775
Louisiana	12	2	13		2	21	3	21		2
Oklahoma	121		4	3		30	8		22	2
Texas	569	21	143	20	27	16	40	164	30	27
Idaho	135	1	31	34	22	39	35	113		137
Colorado	1,765	1,369	1,507	1,743	847	1,923	1,878	1,991	2,163	1,825
New Mexico	3		221	447		127	299	459	19	426
Utah	550	341	912	892	121	986	853	1,551	540	713
Washington	1,554	609	912	892	121	986	853	1,551	540	713
Oregon	51	48	20	33	33	35	50	53	52	33
California	9,780	21,072	10,859	9,739	12,507	9,536	7,948	7,832	8,062	5,681
Total	35,451	38,490	46,070	20,781	28,263	26,586	27,709	25,630	21,750	23,005

¹ Crop-movement season extends from May through October of a given year. Figures for New York for 1932 include shipments in November following the regular crop-movement season.

² Preliminary. ³ No shipments because of frost killing. ⁴ Includes 21 cars for emergency relief.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 302.—*Peaches: Average wholesale price, New York and Chicago, 1929-38*¹

Market and season	6-basket carrier			Bushel basket				
	June	July	August	June	July	August	September	October
New York:	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1929	3.86	3.45	2.70	3.85	2.95	2.56	2.52	
1930	3.58	3.22	2.62	4.08	2.94	2.63	2.10	
1931	2.96	2.38	1.22	2.97	2.14	1.50	1.21	
1932	2.08	2.94	1.26		2.81	1.46	1.39	0.78
1933	3.06	1.70	1.57	3.14	2.06	1.79	1.93	
1934	2.78	2.33	2.03	2.70	2.20	2.16	3.13	
1935	2.62	2.18	2.05	2.45	2.10	2.17	1.69	.90
1936	2.46	2.89	2.02	2.71	2.63	2.11	2.39	
1937	2.51	2.84	2.09	3.51	2.89	1.92	1.59	1.73
1938	2.12	1.97		1.88	1.80	1.97	2.05	1.85
Chicago:								
1929	4.08	3.45			2.93	2.05	2.31	
1930	3.55	3.18	2.45	2.97	3.04	3.02	2.34	
1931		2.03	1.27		2.91	1.27	1.17	
1932		3.02	1.57		3.05	1.72	1.30	.95
1933	2.34	1.68		2.56	1.94	2.11	2.22	
1934	2.25	1.91	2.11	2.72	2.27	2.47	2.28	
1935				2.39	1.97	1.80	1.46	.92
1936				2.57	2.85	2.42	1.89	
1937				3.01	2.88	1.87	1.62	1.54
1938				1.92	1.94	2.00	1.93	

¹ Varieties chiefly included each month are as follows: June: Carman, Early Rose, Hiley, Red Bird Uneda. July: Carman, Elberta, Belle, J. H. Hale, Hiley, Red Bird. August: Elberta, Belle, J. H. Hale Hiley. September: Elberta, J. H. Hale. October: Elberta.

² Less than 10 quotations.

Bureau of Agricultural Economics. Compiled from daily market reports from Bureau representatives in the markets. Average prices as shown are based on stock of good merchantable quality and condition in less than car-lot quantities; they are simple averages of daily range of selling prices.

TABLE 303.—Pears: Total production, value, and domestic exports, United States, 1919-38

Year	Production	Season average price per bushel received by farmers ¹	Farm value	Production of dried and canned pears in terms of fresh fruit		Domestic exports, year beginning July ²				
				Dried	Canned	Fresh ³	Canned ³	Dried	Total in terms of fresh	Per centage of production
	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	Percent
1919	14,804									
1919	14,891	1.84	27,376	990						
1920	17,308	1.67	28,931	594						
1921	11,437	1.69	19,366	264	1,280					
1922	20,362	1.09	22,191	1,100	2,579	36,785	49,358		1,890	9.3
1923	17,245	1.24	21,335	440	1,831	50,237	38,431		1,904	11.0
1924	18,724	1.43	26,843	704	2,219	41,452	53,851		2,089	11.2
1925	20,227	1.41	28,435	770	3,660	71,205	75,876		3,199	15.8
1926	24,966	.89	22,247	946	3,438	73,877	66,104		3,024	14.4
1927	18,371	1.33	24,332	770	2,787	61,056	52,671		2,253	12.3
1928	24,035	1.01	24,240	1,232	4,341	82,847	82,652	2,626	3,879	16.1
1899	18,500									
1929	21,600	1.42	30,764	924	4,634	62,024	54,709	3,655	2,922	13.5
1930	26,978	.76	19,558	990	4,639	134,670	74,355	8,037	5,317	19.7
1931	25,083	.60	14,715	968	3,979	90,702	71,570	6,079	4,157	16.6
1932	23,974	.41	8,344	1,210	3,404	119,987	60,762	6,257	4,509	18.8
1933	23,526	.58	12,131	1,540	4,782	111,008	78,384	8,408	4,979	21.2
1934	25,629									
1934	27,436	.70	18,820	1,078	6,011	100,635	71,379	5,687	4,308	15.7
1935	25,299	.64	16,093	1,342	4,642	124,144	82,316	7,560	5,240	20.7
1936	26,956	.60	16,494	1,782	5,788	131,318	66,882	7,352	5,000	18.5
1937	29,548	.74	21,177	770	4,696	134,747	59,125	5,578	4,692	15.9
1938 ⁴	32,259	.49	15,260							

¹ Prior to 1925 prices are as of November 15.² Canned pears converted to terms of fresh on the basis that canned fruit is equivalent to about 85.5 percent of fresh; dried pears converted to terms of fresh on the basis that 1 pound dried equals about 5.5 pounds fresh; 50 pounds fresh equals 1 bushel. No imports of pears reported. Compiled from Monthly Summary of Foreign Commerce of the United States, June issues, 1923-26, January and June issues, 1927-38.³ Exports were reported in value only prior to July 1, 1922.⁴ Includes some quantities not harvested on account of market conditions as follows: 42,000 bushels in 1927; 62,000 in 1928; 1,292,000 in 1930; 625,000 in 1931; 3,616,000 in 1932; 2,447,000 in 1933; 375,000 in 1934; 967,000 in 1937, and 1,000,000 in 1938. Price and value apply only to the harvested portion of the crop.⁵ January-June 1929; not separately reported prior to this date.⁶ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Production of dried pears as reported by California Cooperative Crop-reporting Service. Production of canned pears as reported by Giannini Foundation, Berkeley, Calif. 1 case of canned pears assumed to weigh 45 pounds. The pack included in this table is only the western pack. About 12 percent additional has been packed in other States in recent years.

TABLE 304.—Pears: Production and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938

State and division	Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars
Maine.....	12	8	13	1.20	1.35
New Hampshire.....	13	15	15	1.00	1.20
Vermont.....	8	6	7	1.20	1.20
Massachusetts.....	70	65	75	1.20	1.10
Rhode Island.....	10	12	11	1.25	1.10
Connecticut.....	44	48	49	1.50	1.20
New York.....	1,300	1,305	1,924	.95	.65
New Jersey.....	90	56	57	.90	.75
Pennsylvania.....	560	817	657	.80	.70
North Atlantic.....	2,117	2,332	2,808	.92	.70
Ohio.....	538	² 992	634	.70	.70
Indiana.....	296	630	366	.45	.50
Illinois.....	493	² 999	429	.45	.65
Michigan.....	892	1,380	1,360	.70	.75
Iowa.....	90	144	104	.65	.85
Missouri.....	322	684	66	.50	.85
Nebraska.....	37	43	54	.90	1.00
Kansas.....	157	282	58	.60	.95
North Central.....	2,824	² 5,164	3,071	.59	.71
Delaware.....	20	10	7	.50	.60
Maryland.....	97	73	82	.60	.80
Virginia.....	294	416	334	.60	.65
West Virginia.....	51	111	35	.75	.90
North Carolina.....	232	281	364	.90	.75
South Carolina.....	98	72	129	.90	.70
Georgia.....	242	244	404	0.70	0.55
Florida.....	81	² 127	156	.55	.55
South Atlantic.....	1,114	² 1,334	1,511	.71	.64
Kentucky.....	169	411	135	.65	.80
Tennessee.....	223	284	186	.80	.85
Alabama.....	270	211	383	.75	.55
Mississippi.....	256	157	462	.75	.50
Arkansas.....	141	214	156	.75	.80
Louisiana.....	102	70	190	.70	.50
Oklahoma.....	124	141	80	.75	.75
Texas.....	354	412	440	.85	.75
South Central.....	1,638	1,900	2,032	.76	.65
Idaho.....	61	56	67	1.25	.85
Colorado.....	307	153	251	.85	.50
New Mexico.....	39	59	27	1.05	.80
Arizona.....	13	8	6	1.50	1.00
Utah.....	81	64	127	1.30	.70
Nevada.....	4	4	4	1.50	.95
Washington.....	² 4,142	² 5,600	6,278	.85	.45
Oregon.....	² 2,910	² 3,550	4,326	.80	.45
California.....	² 9,076	² 9,334	² 11,751	.68	.35
Western.....	² 16,632	² 18,828	² 22,837	.76	.40
United States.....	² 24,326	² 29,548	² 32,259	.74	.40

¹ Preliminary.

² Includes some quantities not harvested on account of market conditions as follows: Ohio, 100,000 bushels in 1937; Illinois, 40,000 in 1937; Florida, 38,000 in 1937; Washington, 600,000 in 1932, 500,000 in 1933, and 171,000 in 1937; Oregon, 350,000 in 1932, 280,000 in 1933, and 118,000 in 1937; California, 42,000 in 1927, 62,000 in 1928, 1,292,000 in 1930, 625,000 in 1931, 2,666,000 in 1932, 1,667,000 in 1933, 375,000 in 1934, 500,000 in 1937, and 1,000,000 in 1938. Prices apply only to the harvested portion of the crop.

Bureau of Agricultural Economics.

TABLE 305.—*Pears: Carlot shipments, by State of origin, from crops of 1928-37*¹

State	Crop of—										
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²	
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
New York	1,560	547	2,661	831	2,342	1,000	721	250	382	304	
New Jersey	16	4	19	2	1						
Pennsylvania	10	3	9		11	1	1				
Ohio	104	33	77	26	34	11	24	25	22	15	
Indiana	31	73	1	21			8	13		3	
Illinois	370	787	154	1,058		188	872	483	28	699	
Michigan	449	147	469	131	490	125	413	200	539	141	
Iowa	23	12	8	5		2	4	21		14	
Missouri		62	12	26		2	8	23		11	
Nebraska		13	8	3				2		2	
Kansas		54	27	25			13	7		3	
Delaware	1	20	13	7	25		3	2	4		
Maryland	27	42	9	14	36	6	5	2	8		
Virginia	13	19		8	5	2					
West Virginia	9	13		16	3	11	3	7	3	8	
South Carolina											
Georgia	15	10					1			2	
Florida	2	6	3	4					8	2	
Kentucky	1	7									
Tennessee	2	3	1								
Alabama	71	152	135	46	37		20		39		
Mississippi	4	10	25	15	24		22		48		
Arkansas	1	4		1							
Louisiana									1		
Oklahoma											
Texas	39	231	100	105	92		52	16	22	21	
Idaho	31	29	35	9	16	12	13	11	18	5	
Colorado	264	1,082	249	397	125	79	153	73	139	24	
New Mexico	2	24	1	18	8		12			1	
Utah	40	47	38	1	13		15		20	1	
Washington	5,868	4,035	6,157	4,657	3,743	4,350	4,478	5,658	5,658	5,859	
Oregon	4,437	4,211	5,123	2,824	3,574	2,533	2,709	3,786	3,821	3,919	
California	11,003	9,465	13,490	9,804	7,329	5,572	7,628	4,781	6,956	7,179	
Total	24,434	21,147	28,827	20,057	17,908	14,194	17,178	15,176	17,720	18,213	

¹ Crop movement season covers 12 months, from June of one year through May of the following year. Figures for California for 1930-32 seasons include shipments in month preceding and following the regular crop-movement season.

² Preliminary.

³ Includes shipments for emergency relief as follows: 1936 season, 338 cars; 1937 season, 204 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 306.—*Pears: Cold-storage holdings, United States 1929-38*¹

Year begin- ing June	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
1929	20	9	71	437	1,565	2,080	1,495	1,123	825	512	265	71
1930	21	8	164	1,382	2,464	2,812	2,338	1,661	1,230	818	463	220
1931	44	11	193	1,019	1,844	1,666	1,203	864	590	423	248	102
1932	24	4	142	1,377	1,906	1,768	1,472	1,085	690	456	236	98
1933	23	8	118	647	1,980	1,707	1,270	844	461	259	85	35
1934	17	5	71	1,833	1,914	1,604	1,119	755	453	284	148	81
1935	8	2	30	2,454	2,480	2,175	1,551	1,001	690	421	205	72
1936	12	3	658	2,744	2,838	1,852	1,278	808	414	236	115	45
1937	19	5	328	1,869	3,197	2,556	1,709	1,118	642	331	139	70
1938	16	4	59	2,565	3,982	3,127	2,188	1,317	811	502	220	63
	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>	<i>1,000 baskets</i>
1929	9	6	6	495	525	84	39	24	18	6	3	
1930			5	171	420	193	80	49	36	23	8	3
1931	1		1	93	153	353	130	107	82	60	33	13
1932	4	1	2	178	617	253	129	87	54	25	4	1
1933	1		1	122	249	224	133	103	76	56	24	14
1934	2		56	94	233	125	71	42	25	12	4	2
1935	1	1	1	54	242	86	42	24	15	10	7	3
1936	1	1	2	56	91	99	55	33	22	14	6	3
1937	1	1	3	41	111	75	45	30	20	14	7	3
1938	2	1		174	200	167	116	87	68	44	15	5

¹ All pears regardless of variety.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments. Baskets are United States standard bushel baskets, and boxes are standard pear boxes.

TABLE 307.—*Pears, western: Average auction price per box, all varieties, New York, 1928-38*

State and season beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Washington:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928	2.39	2.23	2.56	2.77	2.64	2.73	2.70	2.59	2.99	3.51	3.61	2.66	2.66	
1929	3.12	3.05	3.19	3.03	3.26	2.55	2.69	3.44	3.21	2.91	2.99	2.99	2.99	
1930	1.71	1.64	1.66	1.90	2.36	1.92	1.92	2.20	2.35	2.16	1.70	1.92	1.92	
1931	1.86	2.40	2.50	2.73	2.77	2.59	2.22	2.39	2.90	1.91	1.97	1.49	1.49	
1932	1.08	1.64	1.48	1.60	1.29	1.53	1.53	1.41	1.58	1.51	1.07	1.50	1.50	
1933	1.86	1.70	1.72	2.10	2.00	1.99	1.99	3.00	1.39	1.39	1.39	1.90	1.90	
1934	2.04	1.75	1.84	2.16	2.31	2.23	2.32	2.30	2.64	1.36	1.36	2.09	2.09	
1935	2.07	1.68	1.72	2.07	1.85	1.86	1.76	1.50	1.54	1.23	1.23	1.77	1.77	
1936	1.82	1.80	1.97	2.07	2.12	2.13	2.57	1.95	1.10	1.10	1.10	2.04	2.04	
1937	1.69	1.99	1.91	1.67	1.51	1.54	1.54	1.99	.57	.57	.57	1.76	1.76	
1938	1.50	1.55	1.63	1.82	1.92	2.03	1.93	1.92	1.39	1.39	1.39	1.39	1.39	
Oregon:														
1928	2.98	3.06	3.32	3.34	3.59	3.55	3.45	3.69	3.94	4.34	4.85	3.45	3.45	
1929	3.52	3.53	3.77	3.75	3.53	3.71	3.53	3.63	3.74	3.32	2.92	3.64	3.64	
1930	1.85	1.95	2.18	2.35	2.27	2.18	2.32	2.90	2.78	2.41	2.53	2.37	2.37	
1931	2.21	2.96	3.00	3.04	3.14	3.23	3.23	2.95	2.53	2.30	2.25	2.98	2.98	
1932	1.95	1.79	1.88	1.84	1.60	1.78	1.93	1.92	1.97	2.32	3.29	1.84	1.84	
1933	1.85	1.95	1.88	2.14	2.59	2.75	3.29	3.08	2.49	2.52	2.52	2.32	2.32	
1934	2.82	2.41	2.27	2.27	2.34	2.40	2.67	2.66	2.72	2.50	3.50	2.43	2.43	
1935	2.01	2.32	2.41	2.25	2.31	2.22	1.96	2.11	2.06	2.68	2.68	2.22	2.22	
1936	2.12	2.39	2.39	2.38	2.80	3.30	3.36	3.28	3.07	3.10	3.10	2.65	2.65	
1937	2.18	2.32	2.13	1.80	1.72	1.75	1.99	2.88	1.94	1.72	1.72	2.00	2.00	
1938	1.51	1.83	2.01	2.06	1.94	1.97	2.15	2.58	2.26	2.26	2.26	2.26	2.26	
California:														
1928	2.65	2.90	3.21	2.94	2.71	2.74	2.63	2.66	2.51	3.30	3.73	4.20	2.92	
1929	4.56	3.48	3.74	3.47	3.40	2.94	3.07	3.14	2.90	3.35	3.63	4.09	3.61	
1930	2.90	2.16	2.27	2.26	2.12	1.86	1.79	1.90	2.26	2.18	2.28	2.15	1.28	
1931	2.82	2.43	2.73	2.81	2.64	2.39	2.43	2.04	2.14	2.19	1.94	2.24	1.53	
1932	2.30	1.78	2.17	2.13	1.71	1.34	1.43	1.40	1.39	1.54	1.90	2.50	1.94	
1933	2.43	2.35	2.18	2.00	1.66	1.74	2.12	2.36	2.46	2.50	2.03	1.83	2.19	
1934	2.42	2.61	2.51	2.28	2.29	1.95	2.37	2.05	2.02	2.08	2.30	2.65	2.45	
1935	3.04	2.39	2.18	2.26	2.20	1.95	2.20	2.28	1.80	1.67	1.89	1.81	2.32	
1936	2.19	2.36	2.45	2.40	2.29	2.15	2.53	2.56	2.47	2.55	2.80	2.77	2.25	
1937	2.81	2.39	2.41	2.55	2.25	1.78	1.32	3.55	1.92	1.85	1.57	1.24	1.24	
1938	2.09	1.79	2.07	2.08	1.97	1.80	1.98	1.75	1.80	1.81	1.81	1.81	1.81	
Total western:														
1928	2.65	2.90	3.09	3.03	3.10	3.29	3.19	3.14	3.10	3.53	3.87	4.16	3.05	
1929	4.56	3.48	3.69	3.53	3.61	3.37	3.52	3.19	3.34	3.58	3.35	3.30	3.55	
1930	2.90	2.15	2.18	2.10	2.19	2.22	2.08	2.23	2.71	2.58	2.33	2.01	1.28	
1931	2.82	2.42	2.71	2.79	2.91	2.95	2.95	2.69	2.65	2.48	2.08	2.15	1.29	
1932	2.30	1.78	2.02	1.90	1.78	1.51	1.70	1.74	1.71	1.80	2.00	2.07	1.86	
1933	2.43	2.35	2.15	1.94	1.78	2.08	2.34	2.46	2.81	2.91	2.30	2.12	2.19	
1934	2.42	2.61	2.42	2.17	2.25	2.26	2.34	2.43	2.40	2.51	2.42	3.33	2.40	
1935	3.04	2.39	2.14	2.20	2.30	2.13	2.19	2.09	1.83	2.01	2.00	2.57	2.20	
1936	2.19	2.33	2.39	2.25	2.27	2.32	2.63	3.06	3.14	3.08	3.00	2.95	2.25	
1937	2.81	2.39	2.38	2.34	2.07	1.76	1.67	1.70	1.86	2.35	1.92	1.69	1.26	
1938	2.09	1.79	2.03	1.98	1.97	1.92	1.99	2.07	2.42	2.16	2.16	2.16	2.16	

¹ Includes prices in month preceding or following the regular crop-movement season as follows: Washington, July 1932, \$0.83; California, June 1931, \$3.53; June 1934, \$2.80; June 1937, \$2.77; August 1931, \$1.70.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold.

TABLE 308.—*Peas, green, commercial crop: Acreage, production, season average price per bushel and per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	<i>Acres</i>	<i>Bushels¹</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For manufacture:	<i>Acres</i>	<i>Lbs.²</i>	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1918.....	8,430	72	604	2.17	1,311	1918.....	136,620	2,232	152,490	61.20	9,333
1919.....	9,180	71	650	2.33	1,513	1919.....	124,020	1,807	112,070	62.01	6,950
1920.....	10,470	67	697	2.26	1,576	1920.....	136,520	2,267	154,750	66.67	10,317
1921.....	13,320	70	933	2.17	2,020	1921.....	123,860	1,849	114,510	58.17	6,661
1922.....	17,860	73	1,305	1.95	2,542	1922.....	158,010	2,078	164,190	57.05	9,367
1923.....	22,420	75	1,685	1.93	3,290	1923.....	189,830	1,694	160,800	59.38	9,581
1924.....	27,930	73	2,028	1.80	3,645	1924.....	226,600	2,155	244,210	59.29	14,478
1925.....	41,150	66	2,724	1.97	5,369	1925.....	226,850	1,821	206,620	59.01	12,193
1926.....	46,600	70	3,269	1.77	5,776	1926.....	218,930	1,964	215,040	58.22	12,520
1927.....	60,550	85	5,170	1.81	9,349	1927.....	163,810	1,937	158,660	56.40	8,948
1928.....	59,870	87	5,200	1.72	8,926	1928.....	206,640	1,914	197,740	56.83	11,237
1929.....	65,840	84	5,520	1.67	9,243	1929.....	232,920	1,750	203,810	57.82	11,784
1930.....	80,880	83	6,741	1.44	9,682	1930.....	266,740	1,833	244,470	57.57	14,075
1931.....	83,320	72	6,015	1.43	8,611	1931.....	223,350	1,320	147,400	54.53	8,638
1932.....	111,440	64	7,140	1.27	8,904	1932.....	187,800	1,245	116,930	43.92	5,135
1933.....	110,060	78	8,605	.93	7,783	1933.....	217,430	1,260	136,980	42.48	5,819
1934.....	100,220	76	7,607	1.38	10,485	1934.....	249,870	1,324	165,370	50.09	8,288
1935.....	112,610	73	8,236	1.12	9,073	1935.....	315,040	1,702	268,100	51.80	13,888
1936.....	131,820	72	9,449	1.17	11,093	1936.....	296,850	1,264	187,670	51.57	9,679
1937.....	117,440	77	9,081	1.12	10,215	1937.....	334,820	1,602	268,110	52.72	14,136
1938.....	102,260	79	8,113	1.22	9,883	1938.....	318,860	1,895	302,140	52.73	15,931

¹ Bushels containing approximately 30 pounds, unshelled.² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 117,000 bushels in 1932, 210,000 in 1933, and 106,000 in 1935.³ Reported on shelled basis.

Bureau of Agricultural Economics.

TABLE 309.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, and annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels¹</i>	<i>1,000 bushels¹</i>	<i>1,000 bushels¹</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Early:	² 300			² 23			² 1.75		
Arizona.....									
California, Imperial Valley.....	3,700	4,000	4,500	291	240	472	2.15	2.25	2.10
Florida.....	3,140	6,200	6,200	208	310	558	1.80	1.35	1.15
Texas.....	³ 1,470	6,000	5,000	³ 75	450	300	³ 1.25	1.15	1.20
Total or average.....	8,110	16,200	15,700	570	1,000	1,330	1.90	1.48	1.50
Second early:	² 230	150	200	² 12	10	16	² 1.15	1.30	.90
Alabama.....									
California, other.....	39,980	38,000	26,350	2,193	2,470	1,713	1.40	1.10	1.40
Louisiana.....	1,240	1,020	1,100	67	51	60	1.70	1.30	1.70
Mississippi.....	2,140	3,000	2,700	153	192	162	1.15	1.05	1.40
South Carolina.....	3,160	4,300	4,600	150	194	230	1.05	.85	1.00
Total or average.....	37,640	46,470	34,950	2,560	2,917	2,181	1.38	1.08	1.36
Intermediate (sec. 1):									
North Carolina.....	3,940	3,200	3,000	274	224	225	.95	.50	.60
Tennessee.....	² 280			² 18			² 1.25		
Virginia.....	2,070	3,300	3,000	141	231	195	.85	.75	.70
Total or average.....	6,150	6,500	6,000	424	455	420	.91	.63	.65

See footnotes at end of table.

TABLE 309.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, and annual 1937 and 1938—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market—Continued.									
Intermediate (sec. 2):	<i>Acres</i> (¹)	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>Dollars</i> (³)	<i>Dollars</i>	<i>Dollars</i>
Idaho.....	530	1,400	1,400	33	130	140	.95	.80	.20
Maryland.....	3,260	3,450	2,800	222	121	185	1.20	.90	1.15
New Jersey.....									1.40
Total or average.....	3,850	5,120	4,440	262	266	337	1.13	.61	.89
Late (sec. 1):									
Colorado.....	7,640	11,400	12,000	4 587	969	1,020	1.20	.70	.75
Idaho.....	2,350	4,300	3,300	217	353	380	1.05	.85	.75
New York.....	6,150	4,540	3,500	499	331	402	1.30	1.05	1.05
Oregon.....	1,560	1,000	800	72	120	62	1.20	1.20	1.20
Washington.....	3,120	5,200	4,200	568	936	546	1.15	.90	1.05
Total or average.....	19,760	36,440	23,800	1,936	2,709	2,400	1.18	.85	.88
Late (sec. 2):									
California, other.....	8,560	9,650	11,000	834	1,303	1,045	1.85	1.70	1.80
Utah.....		800	1,720		115	232		.45	.35
Total or average.....	8,560	10,450	12,720	834	1,418	1,277	1.85	1.60	1.54
Late (sec. 3):									
Arizona.....	1 320	260	450	2 46	16	63	1 1.60	1.50	1.50
California, Imperial Valley.....	7,400	6,000	4,200	345	300	105	1.80	1.75	1.75
Total or average.....	7,590	6,260	4,650	373	316	168	1.81	1.74	1.65
Grand total.....	91,660	117,440	102,260	6,968	9,081	8,113	1.39	1.12	1.22
For manufacture:				<i>Short tons</i> ⁴	<i>Short tons</i> ⁴	<i>Short tons</i> ⁴			
Maine.....	1,560	3,480	3,770	1,490	3,310	2,860	59.40	57.40	56.40
New York.....	31,440	31,600	36,700	20,000	21,490	32,800	54.80	60.90	57.10
Pennsylvania.....	2,510	5,950	6,400	2,340	6,400	5,060	53.80	61.30	58.70
Ohio.....	4,470	4,760	4,700	2,790	4,850	3,060	43.90	41.60	41.70
Indiana.....	5,640	8,600	7,600	5,050	8,340	6,610	43.80	43.30	40.60
Illinois.....	13,060	18,700	16,260	9,410	13,090	11,140	50.80	52.30	48.20
Michigan.....	11,020	16,000	12,700	6,620	11,280	11,180	47.50	51.50	53.90
Wisconsin.....	101,000	108,600	98,800	73,400	73,850	98,800	54.10	51.50	52.20
Minnesota.....	15,220	24,450	20,250	11,540	18,340	18,630	48.00	53.20	50.30
Delaware.....	2,560	3,040	3,420	2,190	1,720	1,400	53.90	54.50	54.00
Maryland.....	13,200	20,250	18,900	11,460	18,220	17,770	54.60	57.30	52.90
Virginia.....	1 2,740	5,900	4,000	2 810	5,540	4,200	54.10	50.00	55.20
Montana.....	2,740	2,430	1,800	3,130	3,030	2,110	44.00	45.80	42.10
Colorado.....	3,180	3,690	3,170	2,820	3,030	2,950	42.90	46.60	42.40
Utah.....	10,320	14,100	14,250	12,350	18,470	20,660	51.60	52.20	54.70
Washington.....	5,800	26,000	28,000	2,620	28,210	26,460	51.00	49.20	63.40
Oregon.....	1 5,990	21,200	20,450	1 5,060	15,480	17,280	55.80	55.30	50.70
Other States ⁵	6,880	16,070	17,690	6,440	15,430	16,670	53.28	54.01	56.51
Total.....	236,040	334,820	318,860	182,710	268,110	302,140	52.30	52.72	52.73

¹ Bushels containing approximately 30 pounds, unshelled.² Short-time average.³ There were 600 acres reported in 1936 with production of 69,000 bushels and an average price of 85 cents per bushel.⁴ Includes some quantities not harvested on account of market conditions. Price refers to harvested portion of crop.⁵ Reported on shelled basis.⁶ Other States includes Arkansas, California, Idaho, Iowa, Kansas, Nebraska, New Jersey, Oklahoma, Tennessee, Texas, and Wyoming.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments. Secs. 1, 2, and 3 refer to the chronological movement of the crop to market.

TABLE 310.—*Peas, green: Carlot shipments, by State of origin, 1928-38*¹

Group and State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Arizona.....	3	10	1	5	16	3					
California, Imperial Valley.....	371	331	545	380	486	159	397	324	602	298	520
Florida.....	14	31	6	130	146	331	727	456	727	414	666
Texas.....	18		2	9	15	7	745	2	70	123	94
Total.....	406	372	554	524	673	500	1,149	812	1,399	835	1,280
Second early:											
Alabama.....	1		2	26	5	6	4	2,558	2	2	5
California, other.....	689	1,190	1,506	1,726	2,695	4,294	2,210	1	2,176	2,483	1,478
Georgia.....	1	1	2	7							29
Louisiana.....	1										2
Mississippi.....	250	109	233	282	46	100	166	132	266	237	173
South Carolina.....	244	242	262	256	70	106	95	137	122	126	105
Total.....	1,185	1,632	2,005	2,297	2,816	4,506	2,476	2,820	2,564	2,848	1,792
Intermediate:											
Illinois.....		1									
Maryland.....	68	52	2	13			3				
Missouri.....	1										
New Jersey.....	38	28	1	13	1	1	3	2			
North Carolina.....	685	368	482	554	284	335	264	221	106	129	62
Tennessee.....	15	5	8	3	2	2			2	71	46
Virginia.....	268	202	124	227	63	86	61	248	62		
West Virginia.....		1									
Total.....	1,075	657	617	810	350	424	331	471	170	200	108
Late:											
Arizona.....			25	20	67	63	30	17	3	10	23
California, Imperial Valley.....	407	435	929	299	657	539	105	431	460	409	39
California, other.....	175	243	520	611	1,033	907	1,403	1,095	1,315	1,176	788
Colorado.....	348	459	463	559	590	445	407	643	504	699	736
Connecticut.....											
Idaho.....	176	238	407	415	349	322	282	603	731	809	879
Iowa.....		1									
Maine.....							1	1			
Michigan.....	1										1
Mississippi.....			1								
Montana.....		4									
New Mexico.....		1		1					33	79	60
New York.....	837	731	892	431	351	123	39	50	7	3	
Ohio.....											
Oregon.....	13	39	73	41	42	96	69	109	66	81	16
South Carolina.....	3	2	3			1			1		
Utah.....	10	14	14	8	70	22	42	38	32	111	225
Virginia.....	13	20	5	5	12	4	5	6			1
Washington.....	152	334	791	539	829	1,087	606	891	1,038	732	507
Total.....	2,135	2,521	4,124	2,929	4,001	3,608	2,990	3,864	4,190	4,109	3,275
Grand total.....	4,801	5,182	7,300	6,560	7,840	9,038	6,946	7,976	8,323	7,992	6,455

¹ Bulk of shipments: Early, November of preceding year through April; second early, January-July; intermediate, May and June; late, June-December.

² Preliminary.

³ Includes 93 cars for emergency relief in July 1936.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 311.—*Peas, green, canned: Pack, by States, 1926-38*¹

State	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>
New York.....	2,624	1,668	2,222	1,683	3,164	1,786	1,021	1,279	1,124	1,964	899	1,749	2,443
New Jersey ²	143	267	242	383	74	298	40	220	384	637	150	266	170
Ohio.....	278	205	336	337	208	308	131	140	156	432	266	434	298
Indiana.....	500	90	427	404	564	711	412	177	262	806	610	837	579
Illinois.....	680	563	617	767	1,560	1,003	1,149	671	184	959	1,143	1,110	1,003
Michigan.....	723	399	542	558	880	434	291	(⁴)	644	782	623	690	930
Wisconsin.....	9,287	6,849	9,248	9,306	10,462	5,057	3,346	5,163	6,743	7,333	8,996	7,077	9,065
Minnesota.....	446	497	722	926	1,333	617	1,161	886	628	2,329	1,297	1,518	1,619
Maryland.....	840	986	1,030	1,469	400	1,243	689	987	1,657	2,496	1,351	1,896	1,741
Utah.....	1,029	802	1,154	1,241	1,662	676	752	882	11,311	12,220	11,250	11,764	11,997
Washington.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	2,532	2,271	1,892
Oregon.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	688	1,223	1,577
Other States.....	1,159	910	1,403	1,363	1,698	1,063	1,366	2,488	2,749	4,741	1,728	2,432	2,147
United States.....	17,709	12,936	17,943	18,530	22,035	13,286	10,367	12,893	15,742	24,669	16,553	23,467	25,459

¹ Stated in cases of 24 No. 2 cans.² Includes Delaware.³ Figure for Delaware; New Jersey included in Other States.⁴ Included in Other States.⁵ Includes Idaho.

Bureau of Agricultural Economics. Compiled from National Canners Association, 1926 and 1934-38; Bureau of the Census, 1927-29; Foodstuffs Division, Bureau of Foreign and Domestic Commerce, 1930-33.

TABLE 312.—*Pecans: Production, Dec. 1 price per pound received by farmers, and value, 12 States, 1919-38*

Year	Production			Dec. 1 price			Farm value		
	Im- proved varie- ties ¹	Seed- ling varie- ties	Total	Im- proved varie- ties	Seed- ling varie- ties	All varie- ties	Im- proved varie- ties	Seed- ling varie- ties	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1919.....	6,190	62,920	69,110	-----	-----	² 19.5	-----	-----	13,496
1920.....	2,298	8,077	10,375	-----	-----	² 25.7	-----	-----	2,665
1921.....	7,764	40,391	48,155	-----	-----	² 17.6	-----	-----	8,469
1922.....	3,448	7,907	11,355	³ 44.5	³ 18.7	² 26.5	1,534	1,476	3,010
1923.....	10,514	47,516	58,030	42.5	14.1	19.3	4,472	6,712	11,184
1924.....	7,150	30,848	37,998	43.8	18.6	23.4	3,134	5,742	8,876
1925.....	12,316	40,147	52,463	37.6	17.3	22.1	4,696	6,953	11,649
1926.....	17,535	78,326	95,861	32.5	11.8	15.6	5,596	9,288	14,884
1927.....	9,540	26,964	36,504	35.4	15.4	20.6	3,378	4,147	7,525
1928.....	18,005	50,545	68,550	29.6	12.0	16.6	5,326	6,045	11,371
1929.....	9,195	41,989	51,184	31.7	11.4	15.0	2,913	4,783	7,696
1930.....	13,275	38,825	52,100	27.8	10.8	15.2	3,695	4,202	7,897
1931.....	21,155	62,505	83,660	13.8	5.7	7.8	2,928	3,573	6,501
1932.....	9,280	50,050	59,330	13.5	4.3	5.8	1,250	2,177	3,427
1933.....	18,052	50,778	68,830	13.0	6.0	7.8	2,352	3,035	5,387
1934.....	13,750	32,695	46,445	15.7	11.1	12.5	2,162	3,640	5,802
1935.....	20,585	55,390	75,975	12.4	4.9	6.3	2,550	4,166	6,716
1936.....	19,205	20,930	40,135	14.7	9.6	12.0	2,816	2,019	4,833
1937.....	22,960	53,933	76,893	11.1	5.8	7.4	2,544	3,141	5,690
1938 ⁴	17,390	20,167	46,556	12.2	7.3	9.1	2,119	2,126	4,247

¹ Budded, grafted, or top-worked varieties.² Season average price.³ Nov. 1 price.⁴ Value of all varieties differs slightly from sum of improved and seedling varieties due to rounding of prices of all varieties.⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 313.—*Pecans: Production and Dec. 1 price per pound received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Production									Dec. 1 price					
	Improved varieties ¹			Seedling varieties			Total			Im- proved varieties		Seed- ling varieties		All varieties	
	Aver- age 1927- 36	1937	1938 ²	Aver- age 1927- 36	1937	1938 ²	Aver- age 1927- 36	1937	1938 ²	1937	1938	1937	1938	1937	1938
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	Ct.	Ct.	Ct.	Ct.	Ct.	Ct.
Illinois.....		5	2	152	254	73	152	259	75	11.6	14.8	5.8	5.8	6.2	6.0
Missouri.....	14	26	7	856	790	141	870	816	148	9.5	20.0	6.0	8.7	6.0	8.8
North Carolina.....	546	850	880	257	300	308	803	1,150	1,188	16.0	14.0	12.0	10.3	15.0	13.0
South Carolina.....	779	1,010	960	156	150	110	935	1,160	1,100	14.6	13.5	9.8	8.7	14.0	13.1
Georgia.....	6,097	7,810	7,553	573	590	569	6,670	8,400	8,122	10.2	11.2	6.3	7.0	9.9	10.9
Florida.....	1,058	1,150	1,437	309	308	337	1,367	1,458	1,774	10.5	10.5	6.5	7.0	9.7	9.9
Alabama.....	2,271	3,650	2,052	357	550	228	2,628	4,200	2,280	9.1	11.4	5.9	7.3	8.7	11.0
Mississippi.....	2,191	4,330	2,147	2,142	3,846	2,147	4,333	8,176	4,294	11.7	13.7	7.3	7.8	9.6	10.7
Arkansas.....	248	625	290	3,041	4,640	1,950	3,289	5,265	2,240	11.0	14.0	5.0	8.0	5.7	8.8
Louisiana.....	932	1,530	1,020	3,395	3,655	2,380	4,327	5,185	3,400	12.0	13.3	6.9	7.8	8.4	9.5
Oklahoma.....	234	724	1,261	12,286	13,100	1,974	12,520	13,824	2,100	9.5	16.6	4.6	7.7	4.9	8.2
Texas.....	837	1,260	895	22,543	25,750	18,950	23,380	27,000	19,845	14.3	15.4	6.1	7.0	6.5	7.4
12 States.....	15,207	22,960	17,399	46,067	53,933	29,167	61,274	76,893	46,586	11.1	12.2	5.8	7.3	7.4	9.1

¹ Budded, grafted, or top-worked varieties.² Preliminary.

Bureau of Agricultural Economics.

TABLE 314.—*Peppers, green, commercial crop for market: Acreage, production, and season average price per bushel received by farmers, average 1927-36, annual 1937 and 1938*

Group and State	Acreage			Production			Price for crop of—		
	Aver- age 1927-36	1937	1938	Aver- age 1927-36	1937	1938	Aver- age 1927-36	1937	1938
Fall: ¹									
Florida.....	<i>Acres</i> 1,400	<i>Acres</i> 2,000	<i>Acres</i> 2,000	<i>bushels</i> ¹ 1,000	<i>bushels</i> ¹ 2,000	<i>bushels</i> ¹ 320	<i>Dollars</i> 1.65	<i>Dollars</i> 1.05	<i>Dollars</i> 1.35
Texas.....	710	1,600	1,800	92	240	153	.90	.70	.95
Total or average.....	2,110	3,600	3,800	398	640	473	1.45	.92	1.22
Early:									
Florida.....	5,160	5,200	5,400	1,289	1,190	1,860	1.20	1.25	.66
Winter.....	² 2,480	3,000	3,000	² 651	750	1,020	³ 1.35	1.10	.80
Spring.....	³ 3,160	2,200	2,400	³ 668	440	840	³ 1.00	1.50	.50
Second early:									
Georgia.....	³ 320	50	50	³ 46	10	10	³ .80	.75	.60
Louisiana.....	1,230	1,200	1,300	217	240	286	.75	.60	.50
Mississippi.....	200	250	200	18	35	28	.70	.55	.50
South Carolina.....	³ 120	70	70	³ 25	14	14	³ .80	.75	.60
Total or average.....	1,780	1,570	1,620	201	299	338	.76	.61	.51
Intermediate:									
New Jersey.....	5,870	6,000	6,500	1,389	1,800	1,528	.45	.40	.50
North Carolina.....	750	1,500	1,800	141	225	225	.75	.45	.45
Total or average.....	6,620	7,500	8,300	1,530	2,025	1,753	.49	.41	.49
Late:									
California.....	1,050	2,400	1,950	288	672	546	.75	.60	.80
Grand total.....	16,720	20,270	21,070	3,796	4,826	4,970	.84	.72	.66

¹ Bushels containing approximately 25 pounds.² Fall crop States supply earliest new-crop movement, starting in fall preceding year shown.³ Short-time average.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 315.—*Peppers, green, commercial crop: Acreage, production, season average price per bushel received by farmers, and farm value, 1921-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	<i>Acres</i>	<i>Bu.¹</i>	<i>1,000 bu.</i>	<i>Dol.</i>	<i>1,000 dol.</i>	For market:	<i>Acres</i>	<i>Bu.¹</i>	<i>1,000 bu.</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1921.....	7,380	364	2,687	1.50	4,273	1930.....	16,570	220	3,650	1.07	3,911
1922.....	7,860	338	2,655	1.68	4,450	1931.....	18,100	242	4,376	.77	3,348
1923.....	7,840	363	2,844	1.63	4,634	1932.....	17,270	225	3,894	.71	2,761
1924.....	10,310	322	3,318	1.25	4,143	1933.....	17,590	240	4,227	.48	2,040
1925.....	12,070	253	3,054	1.40	4,278	1934.....	16,500	230	3,792	.75	2,846
1926.....	12,600	253	3,183	1.28	4,086	1935.....	19,050	188	3,574	.67	2,590
1927.....	12,680	251	3,187	1.19	3,792	1936.....	18,600	217	4,033	.67	2,702
1928.....	15,700	248	3,888	.98	3,814	1937.....	20,270	238	4,826	.72	3,478
1929.....	15,130	221	3,338	1.13	3,787	1938.....	21,070	236	4,970	.66	3,286

¹ Bushels containing approximately 25 pounds.

Bureau of Agricultural Economics.

TABLE 316.—*Peppers, green: Carlot shipments, by State of origin, 1929-38¹*

Group and State	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Fall and early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Florida.....	1,879	1,670	2,162	2,008	2,383	1,612	1,437	1,978	1,882	2,470
Texas.....	2	17	6	7	66	38	78	63	59	59
Total.....	1,881	1,670	2,179	2,014	2,390	1,678	1,475	2,056	1,945	2,529
Second early:										
California.....	7	11	12	9	5	3	8	4	12	
Georgia.....	53	36	6	7	2	10	24	6	1	12
Louisiana.....	363	181	282	57	324	195	348	160	176	286
Mississippi.....	12	5	2	3	6	15	19	13	41	27
South Carolina.....	20	34	9	6	18	7	4	5	9	2
Texas.....	1				1			1		
Total.....	449	263	310	85	359	233	398	193	231	339
Intermediate:										
Maryland.....	12	10	1							4
New Jersey.....	502	350	173	144	67	55	31	15	35	40
North Carolina.....	126	183	61	24	45	32	45	24	19	4
Tennessee.....	2									
Virginia.....	54			1				3	3	7
Total.....	696	543	235	169	112	87	70	42	57	51
Late:										
California.....	147	261	100	104	77	106	112	142	158	120
Colorado.....		1							1	
Delaware.....	6	2								
Georgia.....	85	26	10	5	54	23	66	69	37	36
Illinois.....	4									
Iowa.....	3	2								
Michigan.....								2		
New York.....	1									
Ohio.....	12	4	3	16	3	2		1		1
Washington.....	4		1							
Total.....	262	296	114	125	134	131	178	214	196	157
Grand total.....	3,288	2,772	2,838	2,393	2,995	2,129	2,127	2,505	2,429	3,076

¹ Bulk of shipments: Fall and early, October of preceding year through July; second early, June-August; intermediate, June-November; late, September-December.² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country. Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 317.—*Pimientos, commercial crop: Acreage, production, season average price per ton received by farmers, and farm value, 1926-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For manufacture:	Acres	Short tons	Short tons	Dollars	1,000 dollars	For manufacture:	Acres	Short tons	Short tons	Dollars	1,000 dollars
1926.....	5,110	2.58	13,190	39.27	518	1933.....	5,780	1.34	7,750	28.26	219
1927.....	7,040	2.34	16,480	38.59	636	1934.....	9,540	1.65	15,770	29.68	463
1928.....	8,850	1.80	15,920	39.38	627	1935.....	13,560	1.44	19,570	30.35	594
1929.....	9,020	2.15	19,350	36.90	714	1936.....	11,090	1.26	14,020	29.96	420
1930.....	8,940	1.72	15,340	37.68	578	1937.....	12,190	1.56	19,030	33.68	641
1931.....	6,740	1.34	9,050	33.15	300	1938.....	18,640	1.57	29,320	34.24	1,004
1932.....	8,910	1.72	15,340	31.10	477						

Bureau of Agricultural Economics.

TABLE 318.—*Pimientos, commercial crop for manufacture: Acreage, production, and season average price per ton received by farmers, average 1927-36, annual 1937 and 1938*

State	Acreage			Production			Price for crop of-		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
	Acres	Acres	Acres	Short tons	Short tons	Short tons	Dollars	Dollars	Dollars
California.....	1,830	1,190	1,240	5,210	5,830	4,960	36.20	33.40	32.50
Georgia.....	7,120	11,000	17,400	9,650	13,200	24,360	32.20	33.80	34.60
Total.....	8,950	12,190	18,640	14,860	19,030	29,320	33.50	33.68	34.24

Bureau of Agricultural Economics; estimates based on returns from canning establishments.

TABLE 319.—*Plums and prunes: Production, season average price per ton received by farmers, and value, 5 States, 1919-38*

Year	Plums (2 States) ¹			Prunes, fresh use (3 States) ²			Prunes, canned ² (2 States) ⁴			Prunes, dried (3 States) ⁵		
	Production (fresh basis)	Price	Farm value	Production (fresh basis)	Price	Farm value	Production (fresh basis)	Price	Farm value	Production (dry basis)	Price	Farm value
	Short tons	Dollars	1,000 dollars	Short tons	Dollars	1,000 dollars	Short tons	Dollars	1,000 dollars	Short tons	Dollars	1,000 dollars
1919.....	47,700	64.55	3,079	27,100	69.04	1,871	2,300	97.83	225	158,800	253.35	40,232
1920.....	42,300	82.74	3,500	28,500	51.92	1,324	1,700	41.76	71	116,900	146.33	17,106
1921.....	44,700	54.88	2,453	41,200	46.63	1,921	1,700	41.18	70	113,700	138.37	15,733
1922.....	56,100	47.40	2,659	27,600	42.50	1,173	4,200	35.48	149	147,000	144.12	21,185
1923.....	73,500	30.56	2,246	54,000	5.87	317	4,100	23.90	98	158,000	104.81	16,560
1924.....	44,800	43.06	1,929	27,900	57.72	1,495	2,100	22.38	47	164,000	116.55	19,115
1925.....	54,700	39.80	2,177	28,000	37.84	1,088	4,500	34.44	155	161,500	112.91	18,225
1926.....	79,400	23.00	1,826	445,400	18.58	8,255	7,500	18.53	139	192,500	104.82	20,178
1927.....	60,900	44.75	2,725	45,400	26.89	1,221	6,900	19.71	136	248,800	72.11	17,941
1928.....	72,900	37.00	2,697	56,200	14.11	793	10,000	31.10	311	228,900	101.78	23,298
1929.....	44,400	85.95	3,816	62,800	20.81	1,307	14,200	25.77	366	160,500	135.17	21,695
1930.....	89,400	35.08	3,136	54,100	17.36	922	11,200	18.04	202	285,700	57.19	16,339
1931.....	72,000	24.11	1,867	41,000	21.24	871	11,600	11.81	137	243,600	86.58	13,783
1932.....	74,200	17.52	1,125	52,400	12.54	607	8,100	9.43	77	195,000	55.46	10,815
1933.....	61,400	25.15	1,568	37,600	18.75	705	12,800	16.72	214	206,000	81.20	16,728
1934.....	67,500	32.79	2,213	47,800	15.36	734	16,500	9.97	280	201,600	65.87	13,280
1935.....	84,000	36.41	1,966	44,600	28.09	1,253	25,800	13.63	349	297,900	56.72	16,898
1936.....	68,300	30.40	2,076	42,200	24.64	1,040	28,900	17.23	498	184,300	77.98	14,371
1937.....	71,800	41.80	3,001	34,300	28.45	976	27,000	22.19	599	256,200	54.62	13,993
1938 ⁷	66,900	28.52	1,908	46,600	15.02	700	21,000	9.57	201	237,100	44.08	10,451

¹ Michigan and California. Includes some quantities of fresh prunes.² Idaho, Washington, and Oregon.³ Washington and Oregon.⁴ Includes small quantities for cold packing.⁵ Washington, Oregon, and California.⁶ Includes some quantities not harvested on account of market conditions as follows: Plums—7,000 tons in 1931, 10,000 in 1932, and 7,000 in 1933; prunes, fresh use—2,000 tons in 1924, 1,000 in 1926, 1,000 in 1930, and 4,000 in 1932. Price and value apply only to the harvested portion of the crop.⁷ Preliminary.⁸ Includes standard and substandard prunes which were diverted to reserve pools in California. In addition to the 237,100 tons of dried prunes produced, an equivalent of 60,000 tons (dry basis) was not harvested because of market conditions and 4,000 tons (dry basis) were lost in drying process in California.

Bureau of Agricultural Economics. To convert California dried prunes to a fresh-fruit basis, multiply by 2½; in other States the ratio ranges from 3 to 4 fresh to 1 dried.

TABLE 320.—*Plums and prunes: Production and season average price per ton received by farmers, by States, average 1927-36, annual 1936-38*

Crop and State	FRESH BASIS				Price for crop of—		
	Production						
	Average 1927-36	1936	1937	1938 ¹	1936	1937	1938 ¹
Plums:	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Michigan.....	5,600	4,300	5,800	2,900	37.00	35.00	40.00
California.....	^a 60,900	64,000	66,000	64,000	29.95	42.40	28.00
2 States.....	^a 66,500	68,300	71,800	66,900	30.40	41.80	28.52
Prunes:							
Fresh use:							
Idaho.....	^a 19,470	13,100	12,900	15,400	25.00	30.00	19.00
Washington.....	14,520	15,000	10,400	16,200	24.00	27.00	14.50
Oregon.....	14,420	14,100	11,000	15,000	25.00	28.00	11.50
3 States.....	^a 48,410	42,200	34,300	46,600	24.64	28.45	15.02
Canned: ^b							
Washington.....	3,330	4,500	4,500	3,000	18.50	23.00	10.00
Oregon.....	11,270	24,400	22,500	18,000	17.00	22.00	9.50
2 States.....	14,600	28,900	27,000	21,000	17.23	22.19	9.57
DRY BASIS							
Prunes:							
Dried: ⁴							
Washington.....	3,780	1,300	700	1,100	70.00	76.00	47.00
Oregon.....	25,250	24,000	6,800	15,000	65.00	76.00	45.00
California.....	196,200	159,000	249,000	^a 221,000	80.00	54.00	44.00
3 States.....	225,230	184,300	256,200	^a 237,100	77.98	54.62	44.08

¹ Preliminary.² Includes some quantities not harvested on account of market conditions as follows: Plums, California—7,000 tons in 1931, 10,000 in 1932, and 7,000 in 1933; prunes, fresh use, Idaho—1,000 tons in 1930 and 4,000 in 1932.³ Includes small quantities for cold packing.⁴ To convert California dried prunes to fresh basis, multiply by 2½. In Washington and Oregon, the ratio ranges from 3 to 4 fresh to 1 dried.⁵ Includes standard and substandard prunes which were diverted to reserve pools. In addition to the 221,000 tons of dried prunes produced, an equivalent of 60,000 tons (dry basis) was not harvested because of market conditions and 4,000 tons (dry basis) were lost in drying process.

Bureau of Agricultural Economics.

TABLE 321.—*Plums and fresh prunes: Carlot shipments, by State of origin, 1928-38¹*

State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ¹
New York.....	240	60	165	196	279	128	14	57	1	4	44
Pennsylvania.....	1	37	2	3	—	—	—	—	—	—	—
Michigan.....	69	37	76	19	27	10	11	5	2	7	5
Georgia.....	15	15	8	7	—	4	4	—	—	—	—
Texas.....	—	—	6	9	—	—	—	—	—	—	7
Idaho.....	1,603	1,912	1,602	1,403	1,577	339	770	1,458	852	705	924
Colorado.....	—	—	—	—	—	—	—	—	—	—	1
New Mexico.....	1	—	4	1	2	—	—	—	—	—	—
Arizona.....	—	8	9	6	4	3	—	14	15	15	—
Utah.....	4	6	6	5	9	—	—	—	6	2	4
Washington.....	925	1,046	866	338	538	726	809	596	736	432	651
Oregon.....	1,168	1,161	1,003	748	703	1,013	1,102	443	764	577	698
California.....	3,250	1,801	4,969	3,392	3,102	2,507	3,026	2,132	3,731	3,451	3,394
Total.....	7,295	6,046	8,716	6,127	6,241	4,730	5,737	4,705	6,108	5,193	^a 5,728

¹ Crop-movement season extends from May through November of a given year.² Preliminary.³ Includes 47 cars for emergency relief.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 322.—Potatoes: Acreage, production, value, and foreign trade, United States, 1866-1938

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Wholesale price per bushel at New York ²	Foreign trade, year beginning July		
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1866	1,225	91.1	111,615	66.4	74,080	85	512	198	+314
1867	1,289	77.3	99,663	90.4	90,097	135	379	210	+178
1868	1,400	85.9	120,292	78.8	94,808	84	508	138	+373
1869			145,337				597	75	+532
1869	1,470	97.8	144,599	50.9	73,574	67	553	459	+121
1870	1,443	74.8	107,875	70.8	76,330	106	622	96	+539
1871	1,496	90.1	134,722	57.8	77,867	66	515	347	+180
1872	1,559	85.7	133,574	59.8	79,817	59	497	549	-46
1873	1,543	83.9	129,497	60.6	90,090	91	610	189	+425
1874	1,654	79.3	131,114	67.2	88,134	70	704	92	+614
1875	1,789	100.5	179,811	38.3	68,900	39	530	3,206	-2,622
1876	1,783	68.8	122,611	65.9	80,850	113	744	529	+215
1876	1,878	92.5	173,701	44.6	77,384	53	625	2,624	-1,999
1877	1,879	76.3	143,363	58.5	83,867	84			
1878			169,459				696	722	-12
1879	1,961	86.4	169,439	43.2	73,280	45	639	2,170	-1,529
1880	1,968	83.9	165,158	48.2	79,526	65	408	8,790	-8,379
1881	2,036	62.7	127,573	91.3	116,415	108	439	2,362	-1,919
1882	2,216	80.0	197,317	54.5	107,530	77	555	425	+130
1883	2,373	95.7	227,088	41.3	93,835	41	381	659	-278
1884	2,307	90.2	207,981	38.2	79,417	48	495	1,937	-1,439
1885	2,335	84.4	197,144	44.0	86,697	55	435	1,432	-995
1886	2,393	81.5	195,075	45.5	88,830	59	404	8,260	-7,855
1887	2,466	64.7	159,615	69.2	110,468	72	472	883	-411
1888	2,604	92.0	239,642	39.1	98,679	38			
1889	2,601	83.6	217,546				407	3,416	-3,009
1889	2,603	83.7	217,933	35.9	78,344	57	341	5,402	-5,061
1890	2,557	66.5	170,108	69.6	128,461	101	557	187	+370
1891	2,633	100.1	263,617	36.1	95,295	41	846	4,317	-3,471
1892	2,519	75.5	190,200	65.7	124,890	73	803	3,003	-2,199
1893	2,614	78.1	204,224	50.0	120,499	63	573	1,342	-765
1894	2,869	68.9	197,690	53.5	105,698	58	680	175	+505
1895	3,090	97.8	302,115	26.6	80,276	24	627	246	+682
1896	2,968	88.5	262,735	29.0	76,063	36	605	1,171	-566
1897	2,809	70.5	198,174	55.3	109,566	72	580	530	+50
1898	2,877	83.5	240,348	42.2	101,398	52			
1899	2,939	93.0	273,518				809	156	+653
1899	2,939	92.7	272,568	40.1	109,217	50	741	372	+369
1900	2,997	86.6	259,688	43.0	111,638	53	528	7,656	-7,127
1901	2,950	70.3	207,412	76.7	150,046	65	843	350	+484
1902	3,077	96.4	296,568	47.4	140,703	89	484	3,167	-2,676
1903	3,079	80.7	276,284	61.2	169,204	43	1,163	181	+982
1904	3,208	108.9	349,492	45.3	158,473	73	1,000	1,948	-884
1905	3,263	102.2	300,701	61.2	183,926	57	1,530	177	+1,353
1906	3,254	104.9	341,460	50.7	173,187	73	1,204	404	+802
1907	3,333	99.9	333,125	60.8	202,445	75	764	8,384	-7,554
1908	3,417	89.3	305,247	75.3	229,887	83			
1909	3,669	106.1	389,166				999	353	+646
1909	3,675	106.2	390,166	57.6	224,667	49	2,384	219	+2,177
1910	3,644	93.9	342,052	58.4	199,648	56	1,237	13,735	-12,283
1911	3,532	85.7	302,713	94.6	286,281	106	2,028	337	+1,693
1912	3,505	115.9	406,215	56.6	229,890	62	1,794	3,646	-1,853
1913	3,477	95.6	332,447	67.8	225,386	78	1,135	271	+866
1914	3,417	107.8	368,249	56.2	207,030	47	4,018	210	+3,810
1915	3,433	98.1	336,760	67.4	227,076	103	2,489	3,079	-558
1915	3,274	82.6	270,388	149.7	404,848	238	3,453	1,180	+2,273
1917	3,801	104.9	398,653	127.9	509,728	129	3,689	3,534	+205
1918	3,597	96.2	346,114	118.8	411,235	127			
1919	3,252	89.3	290,428				3,723	6,941	-3,212
1919	3,300	90.1	297,341	190.9	567,742	284	4,803	3,423	+1,380
1920	3,391	111.8	368,904	132.8	489,783	99	2,327	2,110	+222
1921	3,598	90.4	325,312	112.8	366,978	118	2,980	572	+2,408
1922	3,901	106.5	415,373	68.5	284,527	91	3,075	564	+2,512
1923	3,378	108.5	366,356	91.4	334,821	109			
1924	3,911	121.1	462,462				79	3,653	+3,187
1924	3,106	123.7	384,166	71.2	273,443	249	1,824	5,420	-3,575
1925	2,810	105.5	266,466	165.8	491,482	170	2,092	6,349	-4,205
1926	2,811	114.4	321,607	136.1	437,851	140	2,424	3,803	-1,313
1927	3,182	116.2	369,044	108.5	400,996	87	3,165	2,698	+457
1928	3,499	122.1	427,249	57.1	244,048				

See footnotes at end of table.

TABLE 322.—Potatoes: Acreage, production, value, and foreign trade, United States, 1866-1938—Continued

Year	Acreage harvested	Average yield per acre	Production	Season average price per bushel received by farmers ¹	Farm value	Whole-sale price per bushel at New York ²	Foreign trade, year beginning July		
							Domestic exports ³	Imports ⁴	Net balance ⁵
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1869.....	2,944	109.6	322,416						
1929.....	3,019	110.0	332,204	131.8	438,006	180	2,386	6,006	-3,621
1930.....	3,103	109.8	340,572	91.9	313,072	118	1,548	5,729	-4,185
1931.....	3,467	110.8	384,125	46.3	177,912	65	816	1,493	-585
1932.....	3,549	106.1	376,425	39.2	147,496	64	973	440	+534
1933.....	3,412	100.3	342,306	82.1	281,178	118	721	2,102	-1,381
1934.....	3,582	118.6	408,480						
1934.....	3,597	112.9	406,105	44.8	181,748	58	1,218	532	+686
1935.....	3,541	109.1	386,380	59.7	230,809	106	1,790	864	+926
1936.....	3,063	108.4	331,918	114.0	378,337	137	1,315	1,384	-69
1937.....	3,174	124.2	394,139	52.9	208,334	77	2,079	684	+1,395
1938 ⁷	3,008	122.8	369,297	56.9	210,153				

¹ Prior to 1908 prices are as of Dec. 1.² Compiled from Producers Price Current. Prices 1866-1919 are averages of the high and low weekly quotations of New York potatoes, October-June, converted from dollars per 180 pounds to cents per bushel; beginning 1920 prices reported to the Bureau and weighted by unloads, season September-May, including all eastern potatoes.³ Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-26, January and June issues, 1927-38, and official records of the Bureau of Foreign and Domestic Commerce.⁴ The difference between total exports (domestic exports plus reexports) and total imports; beginning 1933 domestic exports minus imports for consumption. + indicates net exports and - indicates net imports.⁵ Census acreage incomplete.⁶ Beginning 1933-34 imports for consumption.⁷ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 323.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938¹

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents
Early:											
North Carolina.....	77	94	79	100	102	110	7,729	9,588	8,690	61	65
South Carolina.....	21	26	24	116	120	116	2,419	3,120	2,784	80	70
Georgia.....	15	18	18	66	66	58	974	1,188	1,044	87	75
Florida.....	27	34	34	108	121	132	2,888	4,114	4,488	136	71
Tennessee.....	42	39	39	69	79	80	2,945	3,081	3,120	75	70
Alabama.....	31	45	42	80	84	103	2,475	3,780	4,326	51	55
Mississippi.....	15	21	19	72	72	72	912	1,512	1,368	63	67
Arkansas.....	39	43	40	74	71	85	2,865	3,053	3,400	79	75
Louisiana.....	38	44	43	61	62	64	2,344	2,728	2,752	65	60
Oklahoma.....	40	34	33	71	74	72	2,846	2,516	2,376	67	70
Texas.....	50	54	50	66	64	50	3,301	3,456	2,950	146	81
Total.....	392	452	421	80.6	84.4	88.6	31,697	38,136	37,298	81.5	67.8
Intermediate:											
New Jersey.....	45	58	54	160	181	195	7,203	10,498	10,530	82	49
Delaware.....	5	5	4	89	95	92	475	475	368	60	55
Maryland.....	32	30	26	105	116	115	3,345	3,480	2,990	61	60
Virginia.....	102	91	79	125	120	131	12,998	10,920	10,349	58	60
Kentucky.....	50	47	45	76	93	103	3,831	4,371	4,635	76	70
Missouri.....	56	55	54	77	90	108	4,306	4,950	5,832	63	50
Kansas.....	40	28	29	86	77	111	3,656	2,156	3,219	57	44
Total.....	331	314	291	107.8	117.4	130.3	35,816	36,850	37,923	59.3	55.2

See footnotes at end of table.

TABLE 323.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938¹—Continued

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents
Surplus late:											
Maine.....	168	170	165	262	280	240	43,819	47,600	39,600	37	55
New York.....	237	227	220	121	125	122	28,819	28,376	26,840	56	60
Pennsylvania.....	213	205	193	119	123	114	26,296	25,215	22,002	65	70
Total.....	618	602	578	158.4	168.1	153.0	97,933	101,190	88,442	49.3	60.2
Michigan.....	278	278	250	90	103	120	25,267	28,634	30,000	49	55
Wisconsin.....	266	247	212	90	73	90	23,923	18,031	19,080	47	45
Minnesota.....	342	237	230	77	103	90	26,596	24,411	20,700	39	45
North Dakota.....	126	114	130	71	105	75	8,746	11,970	9,750	39	40
South Dakota.....	51	26	29	62	59	56	3,372	1,534	1,624	62	55
Total.....	1,062	902	851	82.4	93.8	95.4	87,905	84,580	81,154	43.5	48.3
Nebraska.....	111	71	80	78	115	78	8,639	8,165	6,240	50	50
Montana.....	21	19	18	97	100	90	2,029	1,900	1,620	49	75
Idaho.....	107	124	115	212	245	250	22,685	30,380	28,750	26	44
Wyoming.....	26	25	18	91	96	60	2,293	2,400	1,080	51	60
Colorado.....	101	106	91	148	148	130	14,827	15,688	11,830	45	55
Utah.....	13.4	12.9	13.6	149	165	165	1,977	2,128	2,244	43	40
Nevada.....	3.3	2.3	2.1	141	150	160	468	345	336	54	60
Washington.....	52	50	44	167	188	172	8,641	9,400	7,568	41	70
Oregon.....	42	49	43	136	160	170	5,805	7,840	7,310	45	55
California.....	43	68	72	213	267	260	9,159	18,156	18,720	58	55
Total.....	519.8	527.2	496.7	147.9	182.9	172.5	76,521	96,402	85,698	41.7	52.3
Total surplus late.....	2,199.3	2,031.2	1,925.7	119.3	138.9	132.6	262,360	282,172	255,294	45.3	53.8
Other late:											
New Hampshire.....	9.4	10.2	9.6	151	145	135	1,418	1,479	1,296	72	85
Vermont.....	17.0	16.5	15.7	135	133	120	2,291	2,194	1,884	63	80
Massachusetts.....	14.8	16.7	15.7	126	135	130	1,872	2,254	2,041	71	75
Rhode Island.....	3.0	4.3	3.9	156	195	160	482	838	624	71	75
Connecticut.....	15.1	17.0	16.5	146	170	140	2,224	2,890	2,310	68	80
Total.....	59.3	64.7	61.4	139.5	149.2	132.8	8,287	9,655	8,155	68.4	79.2
West Virginia.....	38	32	32	84	102	85	3,150	3,264	2,720	77	80
Ohio.....	127	118	118	98	85	107	12,416	10,030	12,626	78	65
Indiana.....	61	54	52	86	100	95	5,250	5,400	4,940	72	55
Illinois.....	49	40	39	77	78	98	3,809	3,120	3,822	83	70
Iowa.....	78	60	58	80	82	98	6,326	4,920	5,684	75	65
Total.....	354	304	299	87.7	87.9	99.6	30,951	26,734	29,792	76.7	65.4
New Mexico.....	5	6	7	73	72	80	365	432	560	88	80
Arizona.....	3	2	2.5	79	80	110	216	160	275	90	75
Total.....	8	8	9.5	75.6	74.0	87.9	581	592	835	88.5	78.3
Total other late.....	420.6	376.7	369.9	94.8	98.2	104.8	39,820	36,981	38,782	74.7	68.5
30 late States.....	2,620.0	2,407.9	2,295.6	115.4	132.5	128.1	302,179	319,163	294,076	48.7	55.7
37 late and intermediate States.....	2,950.6	2,721.9	2,686.6	114.6	130.8	128.4	337,996	356,003	331,999	49.8	55.7
United States.....	3,343.0	3,173.9	3,007.6	110.6	124.2	122.8	369,693	394,139	369,297	52.9	56.9

¹ Estimates for each State cover the entire crop, whether commercial or noncommercial, early or late.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 324.—Potatoes, early, commercial crop: Acreage, production, season average price per bushel received by farmers, and farm value, 1918-38¹

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market:	<i>Acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For market:	<i>Acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1918.....	257,780	112	28,919	1.41	40,743	1929.....	271,600	131	35,564	1.28	45,446
1919.....	219,940	112	24,725	1.72	42,518	1930.....	325,200	134	43,091	1.12	48,955
1920.....	248,410	113	28,147	2.63	73,894	1931.....	347,800	131	45,703	.63	28,823
1921.....	259,220	108	28,081	1.29	36,319	1932.....	277,400	120	33,181	.59	19,578
1922.....	295,590	119	35,082	1.07	37,522	1933.....	261,300	130	31,297	1.03	32,157
1923.....	271,450	97	26,306	1.54	40,483	1934.....	317,800	135	42,948	.56	23,848
1924.....	322,800	131	42,152	.60	38,062	1935.....	276,700	137	37,924	.52	19,538
1925.....	283,400	108	30,504	1.48	45,293	1936.....	274,200	132	36,179	1.33	47,977
1926.....	301,900	120	36,126	1.56	56,234	1937.....	347,200	145	50,410	.63	31,811
1927.....	325,500	130	42,328	1.33	56,191	1938.....	321,100	166	50,171	.56	28,093
1928.....	370,000	139	51,401	.58	29,677						

¹ These data are included in table 323 on total potatoes.² Bushels containing approximately 60 pounds.³ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 71,000 bushels in 1937.

Bureau of Agricultural Economics.

TABLE 325.—Potatoes: Production of certified seed, by varieties, average 1921-36 annual 1929-38

Variety	Average 1927-36	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Cobbler.....	3,140	2,598	1,841	2,845	2,208	2,825	3,827	4,786	4,607	5,660	4,120
Green Mountain.....	2,208	2,231	1,679	2,218	1,641	1,848	3,002	2,583	2,823	4,025	1,718
Triumph.....	1,238	1,234	1,338	921	1,003	1,459	881	2,246	982	2,368	2,192
Russet Rural.....	1,532	895	415	451	590	475	556	348	459	390	434
Netted Gem ²	452	306	436	378	330	410	382	299	444	580	601
Russet Burbank ³	13	8	3	6	4	11	20	11	18	28	54
Spaulding Rose.....	458	484	411	519	222	369	489	337	358	214	109
Early Ohio.....	266	187	182	281	367	450	236	435	144	194	248
Rural New-Yorker ⁴	222	268	243	238	226	245	281	144	180	173	134
Katahdin ⁵	106	-----	-----	-----	-----	-----	6	36	277	420	463
Chippewa ⁶	67	-----	-----	-----	-----	-----	-----	5	167	618	338
White Rose.....	-----	-----	-----	-----	-----	-----	-----	2	131	201	288
Burbank.....	43	82	30	41	27	54	39	24	24	54	51
Other varieties ⁷	394	267	152	193	307	699	741	816	505	530	456
Total.....	9,033	8,560	6,730	8,091	6,925	8,845	10,460	12,072	11,119	15,485	11,206

¹ Preliminary.² Netted Gem and Russet Burbank are probably the same variety.³ Also called White Rural or Smooth Rural.⁴ These varieties were formerly included under "Other varieties." Some of the production prior to 1936 may be included under "Other varieties."⁵ Short-time average.⁶ Includes Idaho Rural, which formerly was listed separately.⁷ Does not include Tennessee, which produced approximately 29,500 bushels in 1937, because accurate data were not available for 1938.

Bureau of Agricultural Economics. See table 327 for data on a State basis. Information concerning the States which are the largest producers of each variety can be obtained from the Bureau on request.

TABLE 326.—Potatoes, early commercial crop: Acreage, production, and season average price per bushel received by farmers, average 1927-36, annual 1937 and 1938¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Fall and winter: ²	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida, south.....	5,300	12,000	14,000	307	1,680	1,961	1.70	1.50	0.70
Texas.....	2,400	2,100	3,700	100	147	185	1.10	1.49	1.06
Total or average.....	7,700	14,100	17,700	607	1,827	2,145	1.51	1.50	.73
Early (sec. 1):									
Florida, north.....	19,700	19,300	17,400	2,269	2,162	2,217	1.32	1.18	.71
Hastings.....	17,100	16,000	15,000	1,926	1,840	1,860	1.35	1.20	.72
LaCrosse.....	2,000	2,500	1,800	218	262	261	1.20	1.30	.65
West.....	600	800	600	65	60	96	1.00	.60	.60
Texas, lower valley.....	10,100	6,000	9,700	823	750	728	1.50	1.62	.86
Total or average.....	29,800	25,300	27,100	3,032	2,912	2,945	1.39	1.30	.74
Early (sec. 2):									
Alabama.....	12,000	23,400	20,600	1,350	2,574	2,884	1.00	.50	.55
California.....	15,200	31,000	34,000	2,978	9,424	9,180	.90	.33	.32
Georgia.....	1,700	1,600	1,400	224	256	182	1.10	.85	.65
Louisiana.....	21,100	29,000	26,000	1,541	2,117	1,950	1.00	.65	.60
Mississippi.....	1,300	6,500	4,500	130	552	360	1.00	.51	.60
South Carolina.....	13,800	15,000	12,000	1,961	2,250	1,860	1.00	.80	.65
Texas, other.....	12,900	11,700	10,200	898	602	532	.95	.98	.66
Eagle Lake, Sugar- land and Wharton.....	9,000	5,000	4,000	620	240	148	.95	.98	.66
Other counties.....	3,900	6,700	6,200	278	362	384	.90	.98	.66
Total or average.....	78,000	118,200	108,700	9,082	17,775	16,948	.96	.59	.58
Second early:									
Arkansas.....	4,800	4,800	4,600	413	408	460	.80	.65	.66
North Carolina.....	33,100	43,000	34,000	4,599	6,020	5,100	.95	.60	.65
Oklahoma.....	10,300	6,900	6,200	991	656	595	.75	.53	.60
Tennessee.....	2,100	2,300	2,100	169	216	262	.90	.58	.60
Total or average.....	50,300	57,000	46,900	6,172	7,300	6,417	.89	.60	.64
Intermediate (sec. 1):									
Kansas.....	14,800	11,500	12,000	1,989	1,495	2,040	.70	.55	.35
Kaw Valley.....	14,100	11,000	11,550	1,860	1,430	1,964	.70	.55	.35
Scott County.....	800	500	450	143	65	76	.80	.55	.35
Kentucky.....	5,300	3,000	2,700	504	330	446	.80	.65	.65
Maryland.....	8,400	7,000	6,400	1,247	980	1,280	.75	.58	.61
Missouri.....	5,800	5,600	6,000	772	840	1,050	.75	.54	.35
Virginia.....	60,600	55,400	45,600	10,163	7,520	7,086	.83	.55	.66
Norfolk district.....	11,100	11,100	10,000	1,663	1,443	1,450	.85	.55	.58
Eastern Shore.....	51,900	41,500	33,200	8,013	5,727	5,312	.85	.55	.55
Other.....	3,600	2,800	2,400	487	350	324	.80	.55	.55
Total or average.....	100,900	82,500	72,700	14,675	11,165	11,902	.80	.55	.51
Intermediate (sec. 2):									
Nebraska.....	1,800	1,800	3,200	373	495	720	.80	.45	.33
New Jersey.....	36,200	48,300	44,800	6,081	8,936	9,094	.80	.45	.45
Total or average.....	38,000	50,100	48,000	6,454	9,431	9,814	.80	.45	.44
Grand total.....	304,700	347,200	321,100	40,022	50,410	50,171	.90	.63	.56

¹ These data are included in table 323 on total potatoes.² Bushels containing approximately 60 pounds.³ Fall and winter crop States supply earliest new-crop movement, starting in fall preceding year shown.⁴ Includes some quantities not harvested on account of market conditions: Mississippi, 71,000 bushels in 1937. Price refers to harvested portion of crop.⁵ Short-time average.

Bureau of Agricultural Economics: estimates based on returns from crop reporters. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 327.—Potatoes: Production of certified seed, by States, and imports, average 1927-36, annual 1929-38

State	Average 1927-36	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ¹
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
California.....	24	12	4	8	7	12	20	63	85	97	47
Colorado.....	223	72	52	96	123	506	425	352	470	414	489
Idaho.....	275	204	315	226	151	212	136	107	184	215	274
Kentucky.....	12	21	9	9	12	12	0	7	4	3	5
Louisiana.....	² 17						16	37	12	2	15
Maine.....	4,441	3,999	2,741	3,944	2,921	3,853	6,003	5,872	6,705	8,520	4,302
Maryland.....	51	40	17	66	57	73	95	46	64	25	28
Michigan.....	368	741	212	194	371	272	349	217	211	240	298
Minnesota.....	762	911	548	662	437	602	659	1,344	667	1,687	1,444
Montana.....	108	72	69	62	64	61	68	120	144	183	148
Nebraska.....	396	463	663	384	392	552	196	815	162	514	427
New Hampshire.....	25	9	35	40	13	30	35	28	26	27	22
New Jersey.....	75	62	50	114	84	124	107	44	64	96	47
New Mexico.....	532	572	716	819	550	520	544	415	388	442	413
New York.....	³ 13			2	4	0	42	21	2		
North Carolina.....	675	412	372	413	825	918	628	1,430	803	1,776	1,891
Ohio.....	5	7	5	6	7	8	(⁴)	5		1	
Oregon.....	145	137	74	137	188	185	187	130	166	256	295
Pennsylvania.....	113	70	46	91	103	137	242	149	207	205	173
South Dakota.....	31	63	23	38	40	4	7	19	6	14	73
Utah.....	⁵ 38						37	44	35	46	115
Vermont.....	179	137	133	219	179	183	210	155	180	126	102
Washington.....	99	77	85	115	93	102	101	79	133	206	163
Wisconsin.....	239	294	261	259	173	150	180	202	182	215	297
Wyoming.....	238	185	300	187	131	304	143	390	131	158	150
Total.....	9,033	8,560	6,730	8,091	6,925	8,845	10,460	12,072	11,119	15,485	11,206
Imports for consumption.....	⁶ 419		⁶ 271	550	371	494	256	111	729	1,066	727

¹ Preliminary.² 4-year average.³ 6-year average.⁴ Less than 500 bushels.⁵ 3-year average.⁶ June 18 through Dec. 31. Data not available prior to June 18, 1930.

Bureau of Agricultural Economics. Compiled from reports of State seed-potato certifying agencies, Imports from Foreign Commerce and Navigation of the U. S. Department of Commerce. See table 325 for data on a variety basis.

SOUTHERN HEMISPHERE											
Chile.....	93	125	127	136	145.8	141.6	126.6	13,557	17,696	16,073	-----
Argentina.....	313	338	314	-----	93.7	101.1	111.4	29,325	34,184	34,980	-----
Australia.....	140	141	-----	-----	93.1	93.2	-----	13,315	13,137	-----	-----
Estimated Southern Hemisphere total.....	1,000	1,000	1,000	-----	-----	-----	-----	54,000	96,000	100,000	-----
Estimated world total.....	43,000	48,000	53,000	-----	-----	-----	-----	6,660,800	7,562,000	10,216,000	-----

1 Preliminary.

2 4-year average.

3 Includes Austria.

Bureau of Agricultural Economics. Both acreage and production figures refer to the year of harvest. Harvests of the Northern Hemisphere are combined with those of the Southern Hemisphere which immediately follow; thus for 1937-38, the crop harvested in the Northern Hemisphere countries in 1937 is combined with the Southern Hemisphere harvest, which begins late in 1937 and ends in early 1938.

TABLE 329.—Potatoes: Carlot shipments, United States, by months, 1929-39

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total ¹
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1929...	20,096	20,472	23,059	20,153	22,360	24,513	19,583	17,395	24,441	31,958	15,706	15,158	253,194
1930...	20,302	19,918	22,108	19,769	23,003	25,004	22,326	16,775	22,415	29,076	16,502	15,413	252,411
1931...	21,241	20,321	23,888	21,461	24,080	27,276	20,434	12,015	17,715	24,759	14,510	13,303	241,003
1932...	17,767	18,923	24,876	21,436	18,385	22,095	15,932	8,465	12,924	14,496	11,941	12,118	199,358
1933...	16,745	16,518	24,535	18,206	18,203	21,380	12,016	10,797	17,475	21,942	13,824	12,441	204,082
1934...	21,924	17,323	23,839	19,857	21,611	25,741	17,832	11,537	14,846	21,959	14,922	12,188	223,612
1935...	18,722	21,073	21,055	17,991	18,590	21,270	15,803	9,902	12,690	19,674	14,083	11,468	202,321
1936...	16,974	19,683	24,538	18,907	17,338	18,627	14,553	12,416	16,823	22,680	14,574	15,237	212,350
1937...	17,379	17,712	20,826	19,749	21,928	29,616	16,358	9,663	18,524	21,025	14,319	14,924	222,023
1938 ¹	20,797	20,409	24,001	21,187	23,045	23,478	14,600	9,242	14,488	15,043	12,551	12,281	211,122
1939 ²	17,555	17,346	25,315	18,910	22,759	-----	-----	-----	-----	-----	-----	-----	-----

¹ Includes shipments for emergency relief as follows: 1934, 3,673 cars; 1935, 1,758 cars; 1936, 12 cars; 1937, 3,818 cars; and 1938, 7,334 cars.

² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis, 400 to 700 bushels to a carload. Shipments by truck not included. Data for earlier years in 1928 Yearbook, table 208.

TABLE 330.—Potatoes: Carlot shipments, by State of origin, from crops of 1928-37¹

Group and State	Crop of—									
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²
Early crop:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Alabama.....	3,133	1,541	2,728	4,712	1,874	2,154	4,528	3,143	4,104	5,617
Arkansas.....	239	514	814	837	483	688	653	307	643	336
California, northern district.....	286	556	511	156	51	105	80	65	226	155
California, central district.....	1,159	802	1,619	1,726	1,933	2,985	3,689	5,821	7,443	12,877
California, southern district.....	777	365	521	366	229	260	381	285	417	495
Florida.....	7,744	5,069	4,802	6,892	2,584	4,035	5,705	3,932	3,985	6,781
Georgia.....	321	272	576	808	247	239	423	141	215	421
Louisiana.....	1,727	1,102	2,327	4,410	1,656	2,102	2,966	2,571	3,348	3,442
Mississippi.....	147	114	119	368	188	131	486	271	535	964
North Carolina.....	9,736	6,003	7,355	8,681	5,876	7,044	10,753	8,210	5,358	9,551
Oklahoma.....	2,058	2,208	2,755	2,171	1,893	1,366	1,878	844	918	912
South Carolina.....	4,706	3,809	4,544	5,030	1,666	2,009	3,402	1,936	2,400	3,916
Tennessee.....	456	272	267	128	119	344	409	506	105	229
Texas.....	3,468	2,769	5,480	5,045	3,504	2,354	2,398	956	1,920	2,091
Total.....	35,937	25,396	34,418	41,330	22,303	25,811	37,751	28,988	31,617	47,787
Intermediate crop:										
Delaware.....	27	54	8	24	13	66	45	33	62	86
Kansas.....	4,848	2,440	3,856	2,710	3,124	1,657	357	595	1,262	1,359
Kentucky.....	718	1,211	518	447	501	335	61	184	15	62
Maryland.....	3,123	2,426	2,240	1,752	1,616	1,147	1,178	1,533	1,817	1,297
Missouri.....	2,362	984	2,016	1,473	2,365	1,599	168	858	957	1,164
New Jersey.....	5,367	3,811	6,600	5,179	3,171	5,540	5,844	6,101	7,881	7,844
Virginia, Eastern Shore.....	23,093	17,652	17,683	14,933	9,824	7,642	13,597	10,440	6,138	8,767
Virginia, Norfolk section.....	4,192	3,146	3,765	3,264	2,695	1,961	2,190	2,731	2,671	3,068
Virginia, other.....	394	379	283	447	304	223	297	293	191	187
Total.....	44,124	32,103	36,969	30,229	23,613	20,170	23,737	22,708	20,994	23,834
Late crop (18 surplus States):										
California, northern district.....	3,733	4,587	4,091	2,986	1,566	2,531	4,783	2,950	3,510	4,285
California, central district.....	1,711	1,459	1,145	1,725	1,963	2,876	2,038	3,050	3,173	2,919

¹ Bulk of shipments from each crop as follows: Early, Dec. 1 of preceding year to July 31; intermediate, June 1 to Sept. 30; late, July 1 to June 30 of following year.

² Preliminary beginning January 1938.

TABLE 330.—Potatoes: Carlot shipments, by State of origin, from crops of 1928-37¹—Continued

Group and State	Crop of—									
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²
Late crop (18 surplus States)—Continued.	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Colorado.....	13, 714	15, 366	18, 080	7, 520	7, 266	12, 395	3, 265	12, 505	15, 616	8, 882
Idaho.....	18, 887	19, 011	32, 903	25, 916	22, 526	30, 066	26, 639	23, 761	28, 241	32, 177
Maine.....	41, 111	61, 404	53, 381	53, 224	44, 043	48, 756	53, 996	42, 081	49, 606	49, 567
Michigan.....	14, 189	6, 337	3, 379	8, 856	9, 946	5, 129	11, 944	7, 009	7, 523	5, 999
Minnesota.....	20, 456	22, 923	16, 346	19, 209	14, 362	17, 123	8, 237	12, 591	6, 082	13, 109
Montana.....	756	380	537	393	222	309	171	85	367	375
Nebraska.....	4, 794	7, 212	9, 160	8, 307	4, 294	9, 316	3, 525	9, 295	5, 201	8, 215
Nevada.....	595	442	593	248	223	201	110	119	167	161
New York.....	4, 600	4, 330	4, 226	5, 757	5, 520	4, 271	5, 934	3, 377	3, 143	2, 234
New York, Long Is- land.....	8, 878	4, 878	9, 486	4, 552	2, 538	2, 882	1, 756	970	3, 088	3, 370
North Dakota.....	6, 333	6, 026	4, 687	7, 277	4, 526	8, 390	5, 045	10, 797	5, 135	11, 093
Oregon.....	1, 653	1, 560	2, 881	3, 068	2, 515	4, 110	6, 077	3, 785	6, 314	5, 330
Pennsylvania.....	5, 829	2, 132	600	634	104	573	573	394	1, 719	653
South Dakota.....	1, 403	2, 144	749	79	1, 330	552	12	286	26	28
Utah.....	454	939	1, 044	954	613	723	832	432	977	1, 151
Washington.....	8, 054	8, 097	7, 988	6, 993	4, 996	5, 920	6, 013	3, 006	4, 606	4, 231
Wisconsin.....	15, 850	14, 709	10, 484	13, 351	9, 630	5, 218	17, 507	5, 939	6, 426	3, 135
Wyoming.....	1, 385	1, 731	2, 775	2, 142	821	2, 436	681	1, 391	910	1, 274
Total.....	174, 375	185, 667	184, 535	173, 300	139, 094	163, 837	159, 138	143, 823	151, 830	158, 188
Late crop (other States):										
Arizona.....	75	50	49	80	70	73	50	5	5	7
Connecticut.....	3	—	—	—	51	29	100	13	1	91
Illinois.....	94	32	54	70	55	9	39	3	41	5
Indiana.....	191	118	49	12	20	1	39	39	52	30
Iowa.....	427	674	342	171	367	659	161	248	203	112
Massachusetts.....	6	12	16	11	36	21	47	5	6	2
New Hampshire.....	118	119	268	71	19	22	12	1	—	1
New Mexico.....	14	—	29	10	8	14	10	14	14	4
Ohio.....	296	493	264	144	94	36	151	225	634	49
Rhode Island.....	—	17	2	—	—	—	—	—	—	—
Vermont.....	145	163	503	224	97	70	156	57	84	68
West Virginia.....	360	412	87	165	138	23	24	10	—	1
Total.....	1, 729	2, 119	1, 655	964	955	943	793	616	1, 040	370
Grand total.....	256, 165	245, 285	257, 577	245, 823	185, 965	210, 761	221, 419	196, 195	205, 481	230, 179

¹ Bulk of shipments from each crop as follows: Early, Dec. 1 of preceding year to July 31; intermediate, June 1 to Sept. 30; late, July 1 to June 30 of following year.

² Preliminary beginning January 1938.

³ Includes shipments for emergency relief, as follows: 1934, season, 4,555 cars; 1935 season, 884 cars; 1936 season, 4 cars; 1937 season, 7,304 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis, 400 to 700 bushels to a carload. Shipments by truck not included.

TABLE 331.—Potatoes: Average price per bushel received by farmers, United States, 1928-38

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928.....	75.5	70.9	63.7	58.0	57.4	57.5	59.5	59.9	58.4	55.7	59.8	64.2	57.1
1929.....	87.8	137.9	135.6	138.2	134.3	134.6	137.3	138.9	136.3	145.5	148.2	142.9	131.8
1930.....	128.4	108.3	109.7	101.4	95.0	89.8	89.3	85.5	83.8	89.0	82.8	74.5	91.9
1931.....	79.8	76.1	58.9	45.5	44.7	45.0	46.2	44.4	45.4	46.0	46.8	44.3	46.3
1932.....	48.8	51.4	37.7	34.4	34.4	36.8	37.4	37.0	39.0	42.4	43.7	49.3	39.2
1933.....	97.9	131.0	100.3	74.6	68.7	69.2	77.1	87.6	91.1	82.3	70.3	62.3	82.1
1934.....	65.8	67.0	61.1	48.5	45.8	44.9	45.3	44.1	42.5	46.8	42.6	39.3	44.8
1935.....	90.7	49.1	47.5	46.1	62.1	63.7	65.4	68.4	72.1	81.1	87.1	136.6	86.7
1936.....	137.5	127.3	113.7	97.9	98.0	106.3	122.2	130.3	131.0	119.2	107.0	90.7	114.0
1937.....	79.2	69.0	53.7	48.5	51.2	53.0	54.1	54.2	56.2	54.4	54.3	61.2	52.9
1938.....	65.5	52.8	47.8	51.0	54.7	61.4	64.4	64.6	64.6	75.1	65.6	—	56.9

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 535.

TABLE 332.—*Potatoes: Average wholesale price per 100 pounds, New York and Chicago, 1923-24 to 1938-39*

Shipping period		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
923-24		Dol.																	
924-25					7.24	4.13	3.08	3.08	2.57	Dol.									
925-26					5.92	4.12	3.34	3.18	2.41										
926-27				6.33			2.83	2.34	1.83										
927-28					8.84	6.29	3.78	2.29	2.38										
928-29							4.03	2.07	1.83										
929-30				17.08			4.16	1.83	2.11										
930-31					6.32	2.89	1.54	1.02	1.24										
931-32					4.52	3.11	2.30	2.90	3.27										
932-33				5.62			3.11	1.11	2.03										
933-34					4.70	2.49	1.50	1.31	2.21										
934-35				5.01			1.50	1.23	1.92										
935-36					4.81	2.49	1.71	1.28	2.81										
936-37				3.14	4.23	4.27	1.71	2.73	2.93										
937-38				2.94	2.49	2.05	1.97	2.75	2.03										
938-39				3.44			1.46	.95	1.84										
939-40				3.51	2.25	2.32	2.65	1.40	2.72										
940-41		1.8.68		3.44	3.44	3.44	3.44	3.44	3.44										
941-42		3.29		3.44	3.44	3.44	3.44	3.44	3.44										
942-43		3.44		3.44	3.44	3.44	3.44	3.44	3.44										
943-44		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
944-45		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
945-46		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
946-47		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
947-48		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
948-49		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
949-50		3.63		3.44	3.44	3.44	3.44	3.44	3.44										
950-51		3.63		3.44	3.44	3.44	3.44	3.44	3.44										

CHICAGO, CARLOT SALES PRICE

022-24	18.09	5.05	3.21	2.78	2.18	1.69	1.06	.99	1.06	1.40	1.34	1.36	1.32	1.27
022-25	6.27	3.82	2.96	1.80	1.39	1.39	1.96	.98	1.20	1.13	1.11	1.09	1.32	1.46
022-26	4.75	2.92	2.66	3.21	2.68	1.99	2.66	.98	3.45	4.03	4.01	4.61	1.16	2.24
022-27	8.24	3.42	2.96	2.35	2.22	2.45	2.47	2.41	2.23	1.98	1.96	1.80	3.69	2.78
022-28	7.61	6.57	3.99	1.02	1.70	1.83	1.52	1.53	2.52	1.78	2.17	1.85	1.40	3.91
022-29	11.95	3.10	1.70	1.13	2.78	2.49	2.41	2.26	1.00	.91	.85	.71	.81	.84
022-30	5.05	3.94	4.04	2.01	2.70	2.49	2.41	2.26	2.51	2.37	2.43	2.65	2.73	1.84
022-31	3.94	4.04	2.01	1.60	1.74	2.49	2.41	1.48	1.41	1.82	1.80	1.84	1.26	1.29
022-32	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-33	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-34	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-35	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-36	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-37	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-38	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-39	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-40	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-41	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-42	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-43	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-44	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-45	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-46	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-47	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-48	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-49	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-50	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-51	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-52	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-53	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-54	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-55	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-56	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-57	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-58	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-59	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-60	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-61	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-62	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-63	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-64	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-65	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-66	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-67	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-68	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-69	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-70	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-71	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-72	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-73	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-74	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-75	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-76	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-77	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-78	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-79	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-80	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-81	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-82	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-83	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-84	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-85	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-86	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-87	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-88	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-89	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-90	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-91	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-92	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-93	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-94	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-95	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-96	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-97	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-98	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-99	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71
022-100	4.48	3.57	3.01	1.60	1.74	2.49	2.41	.68	.74	.72	.74	.77	.75	.71

Street sales.

³ Less-than-carlot sales.

⁴ Includes less-than-carlot sales.

Bureau of Agricultural Economics. Compiled from daily market reports from Bureau representatives in the markets. Average prices as shown are based on stock of U. S. No. 1 grade; they are simple averages of daily prices. In some cases conversions were made from larger to smaller units or vice versa to insure comparability. Prices exclude western potatoes and a few others for which the quotations fall outside the usual range.

Each line in this table gives the prices of a specific crop of potatoes; for example the first line gives prices of the crop grown in 1923, which was shipped partly in 1923 and partly in the first half of 1924. The \$2.12 in April 1924 on the first line is the price of the last of old-crop potatoes (grown in 1923), and the \$6.92 on second line is the price of the early 1924, or new-crop, potatoes that month.

TABLE 333.—*Potatoes, western: Average carlot price per 100 pounds, by varieties, Chicago, 1928-29 to 1938-39*

Variety and season	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Idaho Russet Burbank:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928-29			1.63	1.65	1.60	1.64	1.68	1.60	1.83	1.95
1929-30		3.11	2.98	2.86	2.88	3.18	3.14	3.19	3.79	3.59
1930-31	1 2.48	2.71	2.18	1.88	1.82	1.84	1.62	1.67	1.70	1.51
1931-32	1.84	1.72	1.43	1.39	1.52	1.54	1.40	1.38	1.32	1.25
1932-33		1.30	1.14	1.19	1.17	1.19	1.23	1.22	1.37	1.43
1933-34	2.68	2.00	1.61	1.63	1.61	1.96	2.10	1.91	1.66	1.44
1934-35	1.72	1.73	1.51	1.67	1.55	1.59	1.49	1.55	2.12	1.65
1935-36	1.64	1.56	1.53	1.90	1.81	1.88	1.91	1.84	2.19	2.54
1936-37	2.88	2.60	2.32	2.53	2.65	3.26	3.51	3.22	2.67	2.65
1937-38	1.96	1.70	1.42	1.42	1.40	1.39	1.36	1.40	1.52	1.68
1938-39	1.92	1.60	1.48	1.60	1.72	1.71	1.62	1.57	1.70	-----
Colorado Red McClure:			1.93	1.85	1.84	1.87	1.78	1.92	2.07	-----
1930-31				1.40	1.40					-----
1931-32				1.19	1.21	1.22	1.27	1.36		-----
1932-33				1.50	1.61	1.61	2.10	1.94	1.62	1.54
1933-34			1.73	1.86	1.93					-----
1934-35			1.22	1.62	1.52	1.49	1.65	1.80	2.32	-----
1935-36		2.23	2.30	2.46	2.57	3.23	3.26	2.97	2.86	-----
1936-37			1.41	1.46	1.45	1.45	1.45	1.51	1.59	-----
1937-38			1.60	1.86	1.94	1.98	1.92	2.06	2.03	-----
1938-39										-----

1 Less-than-carlot sales.

Bureau of Agricultural Economics. Compiled from daily market reports from the Bureau representative at the market.

Average prices as shown are based on stock of U. S. No. 1 grade; they are simple averages of daily range of selling prices.

TABLE 334.—*Potatoes: Volume of trading in futures on Chicago Mercantile Exchange, 1933-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>
1933						34	140	278	130	104	21	16	723
1934	4	48	50	69	10	12	11		25	249	9	11	498
1935	5	9	4	27	60	42	49	25	18	2		15	256
1936	164	380	333	642	401	487	831	816	1,411	452	148	21	6,086
1937	24	18	24	85	60	17	19	1	1		5	5	259
1938	1		2	28	61	20	36	17	22	31			

Commodity Exchange Administration. Quantities are expressed in carlots of 360 bags of 100 pounds each.

TABLE 335.—Potatoes: *International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Netherlands.....	17,967	659	15,168	505	7,496	249	14,268	176	17,036	199
Italy.....	7,761	1,933	4,566	2,508	2,823	2,796	3,185	2,144	5,728	2,829
Canada.....	7,118	688	3,918	350	1,405	178	2,265	222	3,258	254
Poland.....	3,855	12	2,159	5	1,137	4	1,972	11	2,024	11
Hungary.....	2,773	262	1,812	36	2,070	3	2,212	1	2,921	2
Spain.....	2,341	1,226	5,767	766	3,178	768				
Argentina.....	2,138	213	1,590	210	1,266	32	117	4,809	117	8,909
Algeria.....	1,475	1,417	1,450	2,002	1,700	1,716	2,686	1,889	2,900	1,245
Ireland.....	915	647	722	209	682	0	1,844	1	1,302	0
Estonia.....	886	1	488	0	474	1	630	0	876	0
Japan.....	606	0	961	0	1,757	0	1,480	0	1,539	0
Malta.....	451	248	413	236	346	252	424	214	521	185
Cyprus ²	402	80	506	25	437	38	600	26	656	41
Netherland India.....	277	4	149	5	70	3	136	3	9	16
China.....	193	0	373	439	165	16	197	10	154	8
Denmark.....	67	719	402	124	212	0	1,378	0	2,162	0
Norway.....	44	62	166	6	20	16	110	0	32	0
Total.....	49,269	8,171	38,610	7,026	5,238	6,071	33,504	9,506	41,265	13,699
PRINCIPAL IMPORTING COUNTRIES										
Germany.....	5,346	16,623	6,390	5,490	628	2,211	650	3,003	784	5,220
United Kingdom.....	2,779	14,071	1,816	16,765	1,478	7,121	1,196	11,788	2,080	8,300
France.....	9,850	12,205	4,612	8,310	2,467	3,823	2,468	5,777	2,021	5,890
Belgium.....	9,012	5,090	6,438	6,860	1,270	2,969	2,841	3,008	3,166	3,297
United States.....	2,434	4,284	1,152	2,614	1,808	410	1,294	1,266	1,822	1,066
Cuba.....	75	3,903	42	1,238	40	1,510	42	1,062		959
Austria.....	865	2,596	150	928	166	595	234	514	191	
Switzerland.....	4	2,326	12	2,163	2	1,287	1	2,707	0	1,922
Portugal.....	120	1,748	135	1,058	205	772	103	409		474
Uruguay.....	1	1,483	0	1,237	4	1,082	238	624		1,226
Brazil.....	0	1,182	1	424	0	41	0	47	28	49
Czechoslovakia.....	1,062	951	115	378	0	252	6	153	290	256
Egypt.....	139	845	101	603	79	655	58	738	96	805
Finland.....	1	624	3	160	2	160	1	120	0	47
Yugoslavia.....	98	469	30	53	21	15	41	13	18	14
Sweden.....	36	422	66	164	2	219	8	194	5	240
Tunisia.....	2	411	3	504	14	590	77	418	37	391
Philippine Islands.....	0	358	0	413	0	443	0	383	0	402
Venezuela.....	0	161	0	219	0	133	0		0	
Total.....	31,824	69,752	21,066	49,581	8,126	24,207	9,258	32,224	10,538	30,558

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Java and Madura only.⁴ 3-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. These figures do not include sweetpotatoes.

TABLE 336.—Sweetpotatoes: Acreage, production, season average price per bushel received by farmers, and value, United States, 1868-1938

Year	Acreage harvested	Average yield per acre	Production	Price ¹	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price ¹	Farm value
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars		1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars
1868.....	325	87.9	28,557	106.1	30,311	1904.....	570	97.4	55,515	60.4	33,542
1869.....			21,710			1905.....	574	102.0	58,560	58.0	33,965
1869.....	351	64.7	22,713	116.5	26,453	1906.....	585	98.7	57,750	62.1	35,839
1870.....	352	87.8	30,911	88.5	27,309	1907.....	596	96.2	57,332	70.6	40,479
1871.....	375	74.9	28,093	83.4	23,436	1908.....	621	100.4	62,299	66.5	41,424
1872.....	379	71.6	27,148	83.8	22,744	1909.....	641	92.4	59,232		
1873.....	392	84.9	33,269	78.1	25,979	1909.....	639	92.3	58,994	69.3	40,911
1874.....	406	74.3	30,150	79.2	23,891	1910.....	634	95.1	60,310	78.9	47,587
1875.....	425	76.5	32,518	73.7	23,952	1911.....	603	91.7	55,285	92.0	50,836
1876.....	460	83.1	38,214			1912.....	586	96.7	56,644	86.8	49,183
1877.....	454	77.5	35,196			1913.....	596	94.0	55,998	83.7	46,861
1878.....	479	80.8	38,703			1914.....	572	94.7	54,145	85.2	46,144
1879.....	(²)		35,379			1915.....	627	100.9	63,241	76.1	48,150
1879.....	451	75.1	33,851	54.9	18,574	1916.....	658	93.5	61,546	96.6	59,452
1880.....	469	85.6	40,128	50.5	20,271	1917.....	725	100.4	72,767	128.2	93,288
1881.....	441	56.3	24,830			1918.....	738	92.9	68,581	151.5	103,901
1882.....	469	89.0	41,742	60.1	25,070	1919.....	803	87.3	78,092		
1883.....	470	66.2	31,096	56.3	17,493	1919.....	791	99.0	78,272	169.0	132,248
1884.....	476	68.0	32,376	57.3	18,567	1920.....	767	100.4	76,999	141.7	109,071
1885.....	474	84.6	40,111	50.9	20,411	1921.....	817	90.2	73,708	113.1	83,352
1886.....	481	81.2	39,091	53.3	20,835	1922.....	817	95.9	78,365	100.4	78,676
1887.....	494	78.0	38,528	56.0	21,577	1923.....	674	94.8	63,871	120.6	77,018
1888.....	515	87.1	44,838	47.1	21,120	1924.....	467	80.2	37,444		
1889.....	525	85.8	45,060			1924.....	564	79.6	44,884	149.6	67,137
1889.....	521	85.9	44,779	52.0	23,289	1925.....	636	78.8	50,130	165.1	82,757
1890.....	531	84.7	44,963	52.6	23,641	1926.....	645	98.1	63,300	117.4	74,305
1891.....	537	85.2	45,773	49.5	22,659	1927.....	724	97.9	70,897	109.0	77,301
1892.....	544	85.2	46,364			1928.....	636	93.0	59,178	118.0	69,814
1893.....	545	83.7	45,615			1929.....	650	100.3	65,193		
1894.....	548	90.6	49,676			1929.....	646	100.6	64,963	117.1	76,081
1895.....	545	82.4	44,886	47.6	21,378	1930.....	669	81.3	54,415	108.2	58,879
1896.....	557	75.4	42,001	43.1	18,103	1931.....	850	78.6	66,849	72.7	48,567
1897.....	531	78.3	41,587	48.6	20,213	1932.....	1,056	81.9	86,436	54.2	46,862
1898.....	547	92.8	50,743			1933.....	908	82.9	75,248	69.5	52,269
1899.....	537	79.1	42,517			1934.....	967	80.6	77,983		
1899.....	531	79.6	42,245	52.8	22,310	1934.....	958	80.9	77,482	79.8	61,806
1900.....	542	84.3	45,684	50.5	23,077	1935.....	969	85.8	83,128	70.4	58,501
1901.....	558	86.3	48,156	57.4	27,638	1936.....	822	78.0	64,144	93.2	59,765
1902.....	558	87.8	48,975	57.8	28,308	1937.....	840	89.3	75,053	82.5	61,890
1903.....	565	93.6	52,871	58.2	30,753	1938 ³	883	86.8	76,647	73.7	56,482

¹ Prior to 1910 prices are as of Dec. 1.² Census acreage incomplete.³ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 337.—Sweetpotatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents
Central Atlantic States:											
New Jersey.....	14	17	14	137	142	105	1,980	2,414	1,470	72	100
Delaware.....	7	6	5	127	130	100	865	790	500	63	70
Maryland.....	8	8	8	144	125	130	1,205	1,000	1,040	64	75
Virginia.....	37	39	34	116	130	105	4,282	5,070	3,570	60	60
Total.....	66	70	61	126.2	132.3	107.9	8,332	9,264	6,580	63.8	72.1
Lower Atlantic States:											
North Carolina.....	83	80	81	97	96	108	7,915	7,680	8,748	74	65
South Carolina.....	58	57	66	85	90	98	4,898	5,130	6,468	74	65
Georgia.....	109	114	123	74	75	75	8,001	8,550	9,225	103	85
Florida.....	22	21	20	72	65	70	1,548	1,365	1,400	97	95
Total.....	272	272	290	82.2	83.5	89.1	22,362	22,725	25,841	86.3	73.8
South Central States:											
Kentucky.....	20	24	24	82	90	95	1,639	2,160	2,280	83	75
Tennessee.....	57	55	53	90	102	103	5,126	5,610	5,459	68	60
Alabama.....	86	100	107	83	88	80	7,071	8,800	8,560	94	80
Mississippi.....	74	82	87	94	92	89	6,819	7,544	7,743	82	75
Arkansas.....	37	37	43	78	95	75	2,828	3,515	3,225	82	75
Louisiana.....	92	90	99	71	73	70	6,494	6,570	6,930	60	65
Oklahoma.....	18	17	21	70	70	70	1,298	1,190	1,470	103	85
Texas.....	64	52	58	74	72	75	4,748	3,744	4,350	94	75
Total.....	447	457	492	81.2	85.6	81.3	36,023	39,133	40,017	82.3	72.7
Other States:											
Indiana.....	4	4	3	103	125	115	398	500	345	95	90
Illinois.....	6	6	6	85	85	108	501	510	648	76	55
Iowa.....	3	3	3	87	90	100	228	270	300	107	90
Missouri.....	11	14	12	82	85	85	852	1,190	1,020	87	70
Kansas.....	5	3	3	99	80	125	470	240	375	93	75
California.....	11	11	13	102	111	117	1,108	1,221	1,521	142	110
Total.....	40	41	40	88.9	95.9	105.2	3,557	3,931	4,209	105.4	85.6
United States.....	824	840	883	86.1	89.3	86.8	70,274	75,053	76,647	82.5	73.7

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 338.—*Sweetpotatoes: Carlot shipments, by State of origin, from crops of 1928-37¹*

Group and State	Crop of—									
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ²
Central Atlantic States:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
New Jersey.....	1,223	1,090	1,078	1,531	844	1,554	1,362	1,239	1,581	1,452
Delaware.....	1,470	1,454	771	1,346	736	991	688	592	585	492
Maryland.....	2,106	1,850	975	862	434	463	461	386	370	566
Virginia.....	6,480	7,090	5,361	4,973	3,262	2,920	2,205	2,334	2,614	2,736
Total.....	11,279	11,493	8,185	8,712	5,276	5,958	4,716	4,551	5,359	5,246
Lower Atlantic States:										
North Carolina.....	760	729	883	592	584	415	403	431	553	397
South Carolina.....	130	375	337	70	195	101	102	147	147	129
Georgia.....	227	527	345	335	148	76	34	80	32	22
Florida.....	69	125	114	166	70	32	77	76	55	22
West Virginia.....		1								
Total.....	1,186	1,757	1,682	1,163	997	624	706	734	787	570
South Central States:										
Kentucky.....	121	268	222	479	334	104	186	163	68	59
Tennessee.....	2,915	3,692	2,903	2,410	2,458	1,086	1,704	1,292	674	980
Alabama.....	393	570	320	362	158	175	324	351	306	273
Mississippi.....	126	271	219	133	22	69	134	82	107	37
Arkansas.....	316	207	175	128	46	172	21	41	49	23
Louisiana.....	981	1,463	1,224	1,315	963	1,017	1,997	2,728	3,044	3,108
Oklahoma.....	265	102	78	16	40	66	17	62	6	10
Texas.....	717	802	717	593	238	349	82	366	221	196
Total.....	5,824	7,375	5,858	5,436	4,299	3,038	4,465	5,085	4,475	4,706
Other States:										
Indiana.....	231	352	355	484	319	112	114	92	63	87
Illinois.....	85	164	193	211	281	32	50	15	6	2
Iowa.....	40	20	21	17	8	3		9	5	
Idaho.....				1						
Missouri.....	9	5	8	3	3	4				
Kansas.....	70	69	74	44	80	23		2		1
Arizona.....			1							
California.....	787	728	869	632	530	481	698	523	602	490
New Mexico.....	54	79	130	125	95	43	37	43	42	12
Total.....	1,256	1,417	1,651	1,517	1,306	698	809	684	718	592
Grand total.....	19,545	22,042	17,376	16,828	11,878	10,318	10,696	11,054	11,339	11,114

¹ Crop-movement season covers 12 months, from July of year shown through June of the following year. Figures for certain States include shipments for month preceding or following the regular crop-movement season.

² Preliminary.

³ Includes 734 cars for emergency relief.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 339.—*Sweetpotatoes: Average price per bushel received by farmers, United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928.....	119.5	131.0	120.9	111.2	100.2	101.8	104.2	113.7	117.0	120.8	125.9	129.8	118.0
1929.....	135.9	136.2	127.9	112.5	97.7	98.9	103.1	109.6	114.6	118.3	126.4	128.6	117.1
1930.....	125.0	136.3	128.7	110.7	93.8	94.1	98.1	100.8	105.5	113.7	115.2	108.5	108.2
1931.....	101.1	107.8	81.4	66.1	58.2	58.5	61.4	61.8	64.4	64.0	64.6	62.5	72.7
1932.....	63.9	68.1	55.3	44.0	37.7	38.9	42.2	43.5	46.6	49.9	55.8	57.5	54.2
1933.....	67.8	93.0	76.2	63.3	56.4	60.5	67.2	72.7	78.2	81.0	82.8	86.8	69.5
1934.....	87.0	97.5	87.9	74.8	65.0	67.9	71.5	74.3	75.8	77.8	82.9	80.5	79.8
1935.....	83.4	85.1	74.1	59.8	59.6	62.0	65.4	69.8	72.4	75.1	82.1	87.4	70.4
1936.....	96.5	119.6	101.7	90.2	79.5	83.3	87.8	93.9	98.5	106.2	110.7	105.8	98.2
1937.....	99.3	104.8	89.6	72.1	63.9	69.3	75.8	79.3	82.4	82.0	83.6	84.0	82.5
1938.....	88.7	87.2	72.8	63.1	59.6	64.5	69.2	73.1	74.6	75.7	78.6	.....	73.7

¹ Preliminary.

Bureau of Agricultural Economics: based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 635.

TABLE 340.—*Sweetpotatoes: Average wholesale price per bushel, New York and Chicago, 1928-38*

Market and season beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
New York:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1928.....	1.57	1.29	1.05	1.31	1.62	1.88	2.14	2.32	-----	-----
1929.....	1.60	1.34	1.09	1.28	1.60	1.88	1.46	1.66	2.06	-----
1930.....	1.77	1.40	1.21	1.26	1.56	1.90	2.15	2.09	-----	-----
1931.....	1.21	.67	.56	.56	.57	.86	.67	.68	.74	-----
1932.....	.81	.60	.54	.54	.61	.73	.82	.97	1.01	1.16
1933.....	1.43	.79	.65	.70	.82	1.01	1.07	1.20	1.30	1.47
1934.....	1.65	1.01	.88	.92	1.06	1.21	1.24	1.11	1.13	1.43
1935.....	1.09	.77	.65	.82	.88	.94	1.02	.98	1.16	1.46
1936.....	1.34	.95	.80	.76	.87	.98	1.04	1.34	1.47	1.52
1937.....	1.28	.83	.66	.79	.95	1.01	1.01	1.06	1.04	1.17
1938.....	1.54	1.10	1.00	1.30	1.38	1.50	1.62	1.62	1.67	-----
Chicago:										
1928.....	2.01	1.69	1.46	1.92	* 2.30	* 2.40	* 2.49	* 2.37	-----	-----
1929.....	1.76	1.53	1.57	* 1.64	1.78	* 1.90	2.06	2.22	2.61	-----
1930.....	2.21	1.81	1.59	1.77	1.74	1.88	2.02	2.26	-----	-----
1931.....	1.12	1.06	.89	1.03	.97	.88	1.02	.99	.95	-----
1932.....	.94	1.13	.93	.94	1.08	.98	.99	1.05	.76	.50
1933.....	1.64	1.22	1.14	1.19	1.46	1.50	1.54	1.71	1.70	1.78
1934.....	1.60	1.50	1.24	1.41	1.48	1.46	1.45	1.39	1.30	1.26
1935.....	1.05	1.08	1.07	1.29	1.25	1.30	1.27	1.19	1.40	1.33
1936.....	1.66	1.39	1.27	1.37	1.62	1.74	1.76	1.96	2.21	2.12
1937.....	1.62	1.26	1.12	1.17	1.27	1.26	1.20	1.13	1.24	1.40
1938.....	1.24	1.11	1.16	1.33	1.46	1.56	1.77	1.80	1.33	-----

* Beginning Jan. 1937, prices are based on bushel quotations only.

* Kiln-dried.

Bureau of Agricultural Economics. Compiled from daily market reports from Bureau representatives in the markets.

Average prices as shown are based on stock of good merchantable quality and condition in less than carlot quantities; they are simple averages of daily range of selling prices. In some cases conversions have been made from larger to smaller units or vice versa, in order to obtain comparability.

TABLE 341.—*Spinach, commercial crop: Acreage, production, season average price per bushel and per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market: ¹	<i>Acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	For manufacture:	<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1918.....	6,250	390	2,439	0.65	1,585	1919.....	4,130	4.50	18,600	24.78	461
1919.....	9,550	358	3,423	.72	2,461	1920.....	4,850	4.58	22,200	31.85	707
1920.....	10,970	358	3,931	.68	2,658	1921.....	7,800	3.88	30,300	22.94	695
1921.....	15,550	333	5,172	.62	3,206	1922.....	8,360	4.68	39,100	24.04	945
1922.....	16,950	349	5,920	.68	4,032	1923.....	10,370	5.28	54,800	22.55	1,236
1923.....	21,670	341	7,386	.57	4,176	1924.....	10,470	4.66	48,800	22.23	1,085
1924.....	21,900	389	8,518	.62	5,281	1925.....	11,890	2.97	35,300	21.10	745
1925.....	30,130	334	10,090	.63	6,361	1926.....	11,510	4.40	52,900	18.03	954
1926.....	32,850	333	10,925	.53	5,286	1927.....	12,150	4.70	57,100	16.30	931
1927.....	37,160	338	12,566	.53	5,480	1928.....	14,640	5.00	73,200	17.51	1,282
1928.....	44,520	253	11,251	.60	6,704	1929.....	18,170	5.33	96,900	16.76	1,624
1929.....	51,390	298	15,320	.47	5,739	1930.....	9,350	4.11	38,400	14.79	568
1930.....	46,390	244	11,336	.54	6,081	1931.....	7,850	4.42	34,700	12.82	445
1931.....	48,990	276	13,527	.39	5,320	1932.....	5,540	3.70	20,500	12.98	266
1932.....	48,910	242	11,818	.46	5,477	1933.....	10,100	3.52	36,000	12.03	433
1933.....	64,010	180	11,546	.37	4,257	1934.....	15,290	2.70	41,300	11.86	490
1934.....	56,590	204	11,324	.40	4,610	1935.....	15,180	3.51	53,300	12.35	658
1935.....	57,610	177	10,188	.56	5,694	1936.....	27,020	2.35	63,400	13.31	844
1936.....	76,800	171	13,130	.39	5,180	1937.....	29,720	2.18	64,800	14.21	921
1937.....	77,320	195	15,081	.36	5,450	1938.....	21,220	1.82	38,600	13.86	535
1938.....	66,690	188	12,526	.36	4,540						

¹ Includes undetermined quantities used for manufacture.

² Bushels containing approximately 18 pounds.

³ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 1,030,000 bushels in 1926, 2,257,000 in 1927, 3,195,000 in 1929, 19,000 in 1931, and 31,000 in 1932.

Bureau of Agricultural Economics.

TABLE 342.—*Spinach, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market: ¹									
Fall: ²									
Virginia.....	<i>Acres</i> 2,680	<i>Acres</i> 3,000	<i>Acres</i> 2,700	<i>1,000 bushels</i> ³ 746	<i>1,000 bushels</i> ³ 945	<i>1,000 bushels</i> ³ 972	<i>Dollars</i> 0.60	<i>Dollars</i> 0.45	<i>Dollars</i> 0.40
Early:									
California.....	1,310	2,400	2,800	980	1,392	1,526	.40	.60	.45
Louisiana.....	1,540	1,700	1,840	150	170	212	.40	.60	.50
North Carolina.....	⁴ 140	—	—	⁴ 35	—	—	⁴ .70	—	—
South Carolina.....	330	200	200	99	30	40	.70	.20	.25
Texas.....	32,090	50,000	40,000	⁵ 6,071	7,000	4,800	.45	.30	.30
Total or average..	35,410	54,300	44,840	7,300	8,592	6,578	.43	.34	.34
Second early:									
Arkansas.....	840	600	600	133	141	120	.55	.40	.45
Illinois.....	⁴ 110	110	90	⁴ 24	16	9	⁴ .55	.40	.35
Maryland.....	720	600	500	209	132	120	.35	.45	.35
Missouri.....	960	1,050	1,000	250	220	190	.45	.35	.40
New Jersey.....	1,160	1,250	1,100	422	438	440	.60	.45	.30
Oklahoma.....	⁴ 1,350	500	300	⁴ 64	120	36	⁴ .50	.22	.20
Pennsylvania.....	⁴ 990	1,200	1,100	⁴ 313	324	330	⁴ .50	.60	.30
Virginia.....	3,660	3,800	3,700	1,141	1,254	1,258	.50	.40	.40
Washington.....	190	250	310	66	75	108	.40	.60	.25
Total or average..	8,720	9,360	8,700	2,507	2,720	2,611	.50	.42	.36
Intermediate:									
Colorado.....	⁴ 660	1,320	1,450	⁴ 87	158	191	⁴ .45	.40	.45
Late:									
Arkansas.....	⁴ 430	500	400	⁴ 83	125	70	⁴ .40	.25	.35
Illinois.....	⁴ 670	800	600	⁴ 94	160	96	⁴ .60	.60	.30
Maryland.....	750	400	1,100	187	60	407	.45	.45	.45
Missouri.....	760	1,000	900	195	300	225	.55	.27	.35
New Jersey.....	1,970	1,950	1,400	633	585	392	.60	.35	.60
Oklahoma.....	⁴ 1,100	2,000	2,000	⁴ 219	500	400	⁴ .40	.24	.25
Pennsylvania.....	⁴ 1,180	2,000	1,900	⁴ 352	732	304	⁴ .60	.45	.65
Washington.....	350	600	700	118	204	280	.40	.27	.25
Total or average..	5,840	9,340	9,000	1,590	2,666	2,174	.53	.35	.40
Grand total.....	53,240	77,320	66,690	12,221	15,081	12,526	.47	.36	.36
For manufacture:				<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>			
Maryland.....	1,740	1,900	1,300	4,700	2,700	3,400	25.60	27.50	17.90
Texas.....	(⁶)	8,000	8,000	(⁶)	10,400	9,600	(⁶)	11.00	10.00
California.....	10,470	16,720	9,470	44,800	43,500	20,800	12.70	13.35	11.95
Other States ⁷	(⁶)	3,100	2,450	(⁶)	8,200	4,800	(⁶)	18.54	26.88
Total.....	13,530	29,720	21,220	51,500	64,800	38,600	14.07	14.21	13.86

¹ Includes undetermined quantities used for manufacture in some of the minor States.² Bushels containing approximately 18 pounds.³ Fall crop in Virginia supplies earliest new-crop movement, starting in fall preceding year shown.⁴ Short-time average.⁵ Includes some quantities not harvested on account of market conditions. Price refers to harvested portion of crop.⁶ No data available prior to 1936.⁷ Other States includes Arkansas and Oklahoma.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments.

TABLE 343.—*Spinach: Carol shipments, by State of origin, 1926-38*¹

State	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
New York.....	12	14	24	102	41	46	53	42	50	43	66	85	199
Missouri.....	100	33	100	27	34	50	50	127	268	25	30	2	72
Maryland.....	846	670	749	628	172	441	102	56	35	79	21	12	17
Virginia.....	2,669	3,213	3,066	2,974	2,586	1,332	1,127	1,963	1,174	1,383	1,484	1,958	2,021
South Carolina.....	614	462	282	110	75	82	5	11	30	31	90	15	8
Arkansas.....	37	47	191	94	141	127	62	68	95	172	283	132	93
Oklahoma.....	7	4	4	10	15	23	19	10	4	134	39	66	31
Texas.....	4,513	4,495	5,528	5,559	6,085	7,302	6,669	5,877	6,202	3,602	5,403	8,857	4,281
Colorado.....	10	8	6	67	28	50	27	25	19	36	43	45	15
California.....	305	445	334	404	177	71	100	101	22	128	30	9	12
Washington.....	121	145	156	154	207	170	145	161	105	52	123	129	116
Other States.....	149	119	153	139	75	79	35	78	84	19	29	26	75
Total.....	9,383	9,655	10,593	10,348	9,636	9,773	8,394	8,519	8,088	5,604	7,641	8,336	6,930

¹ Crop-movement season covers 15 months, from October of the preceding year through December of the year shown. Figures for Maryland, Washington, and New Jersey include shipments in January succeeding the regular crop-movement season.

² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 344.—*Strawberries, commercial crop: Acreage, production, season average price per crate received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
For market: ¹	Acres	Crates ²	1,000 crates	Dols.	1,000 dols.	For market: ¹	Acres	Crates ²	1,000 crates	Dols.	1,000 dols.
1918.....	94,120	66.4	6,252	4.45	27,793	1929.....	200,940	62.0	12,450	3.23	40,228
1919.....	88,320	75.4	6,662	4.79	31,899	1930.....	175,210	51.8	9,075	4.00	36,279
1920.....	94,580	68.3	6,458	4.87	31,433	1931.....	153,820	73.3	11,276	3.29	37,134
1921.....	110,890	70.7	7,841	4.63	36,301	1932.....	189,810	68.3	12,961	1.94	24,533
1922.....	133,570	80.3	10,723	3.39	36,325	1933.....	195,250	63.2	12,359	1.74	20,930
1923.....	149,170	72.0	10,747	3.64	39,156	1934.....	196,180	51.4	10,082	2.02	20,200
1924.....	176,440	69.4	12,237	3.27	41,197	1935.....	162,880	67.4	10,981	2.31	25,347
1925.....	146,130	61.0	8,909	4.18	37,200	1936.....	165,580	57.1	9,449	2.81	26,540
1926.....	153,960	66.3	10,202	4.16	42,442	1937.....	157,300	74.9	11,786	2.92	34,403
1927.....	191,940	65.4	12,551	3.61	45,260	1938.....	179,990	63.7	11,469	2.70	30,718
1928.....	207,330	62.0	12,862	3.34	42,949						

¹ Includes undetermined quantities used for canning, frozen-pack, etc.

² In terms of 24-quart crates, containing approximately 36 pounds.

³ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 305,000 crates in 1932, 280,000 in 1933, 77,000 in 1934, and 99,000 in 1935.

Bureau of Agricultural Economics.

TABLE 345.—*Strawberries, commercial crop: Acreage, production, and season average price per crate received by farmers, average 1927-36, annual 1937 and 1938*

Group and State	Acreage			Production ¹			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Early:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates ²</i>	<i>1,000 crates ²</i>	<i>1,000 crates ²</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama.....	4,180	2,900	3,300	312	197	244	2.45	3.25	2.00
Florida.....	7,610	8,800	7,500	531	572	525	5.35	4.80	4.00
Louisiana.....	20,560	17,600	22,000	1,218	1,443	³ 1,100	4.25	3.35	3.80
Mississippi.....	900	400	360	⁴ 46	28	22	2.75	2.75	2.90
Texas.....	2,260	2,150	1,950	121	148	117	4.30	3.75	3.35
Total or average.....	35,510	31,850	35,110	2,228	2,888	2,008	4.19	3.71	3.59
Second early:									
Arkansas.....	20,510	7,400	14,100	³ 881	259	846	2.25	2.75	2.25
Calif., southern dist.....	1,750	1,650	1,800	323	297	315	3.45	2.90	3.10
Georgia.....	450	600	400	23	30	24	2.50	2.75	2.80
North Carolina.....	7,630	9,200	7,200	643	644	374	2.60	2.60	2.80
South Carolina.....	480	600	250	32	45	15	2.70	2.50	3.50
Tennessee.....	17,080	13,300	15,600	811	758	702	2.00	2.30	2.15
Virginia.....	6,750	7,000	7,300	³ 544	630	511	2.20	2.25	2.45
Total or average.....	54,650	39,750	46,650	3,257	2,669	2,787	2.38	2.48	2.44
Intermediate:									
California, other.....	2,780	3,000	3,230	537	540	517	3.20	2.95	2.80
Delaware.....	4,300	5,200	5,200	258	338	224	2.10	2.40	2.95
Illinois.....	4,770	5,400	6,200	247	216	310	2.40	3.50	2.75
Kansas.....	1,190	900	1,100	62	36	55	2.60	3.80	2.90
Kentucky.....	7,000	6,700	7,700	386	275	424	2.70	3.00	2.15
Maryland.....	8,050	7,700	8,100	524	616	446	2.10	2.20	2.95
Missouri.....	14,360	4,500	9,000	558	135	540	2.80	3.75	2.60
New Jersey.....	3,760	4,000	3,400	310	380	340	2.35	2.45	2.90
Oklahoma.....	⁴ 1,780	200	400	⁴ 58	6	24	⁴ 2.40	4.00	2.70
Total or average.....	47,870	37,600	44,330	2,934	2,542	2,890	2.55	2.73	2.71
Late:									
Indiana.....	2,510	2,600	3,100	163	182	248	2.55	3.00	2.60
Iowa.....	1,810	600	800	110	33	48	3.15	3.75	3.20
Michigan.....	9,010	10,500	11,600	531	1,155	464	2.80	2.65	2.85
New York.....	660	3,500	3,900	284	280	312	3.15	3.45	2.90
Ohio.....	3,800	4,100	4,500	224	328	338	2.95	2.75	3.20
Oregon.....	10,680	11,200	13,400	712	840	1,139	2.40	3.35	2.00
Pennsylvania.....	3,690	4,800	5,000	240	480	350	2.65	2.25	3.00
Utah.....	1,230	1,400	1,400	80	91	84	2.20	3.00	2.40
Washington.....	7,730	7,000	7,700	557	630	601	2.45	3.00	1.65
Wisconsin.....	1,740	2,400	2,500	83	168	200	2.95	2.70	3.00
Total or average.....	45,860	48,100	53,900	2,984	4,187	3,784	2.65	2.86	2.44
Grand total.....	183,890	157,300	179,990	11,403	11,786	11,469	2.83	2.92	2.70

¹ Includes undetermined quantities used for canning, frozen pack, etc.² In terms of 24-quart crates, containing approximately 36 pounds.³ Includes some quantities not harvested on account of market conditions: Louisiana, 99,000 crates in 1938.

Price refers to harvested portion of crop.

⁴ Short-time average.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 346.—*Strawberries: Carlot shipments, by State of origin, 1930-38*¹

Group and State	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Early:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Alabama.....	771	1,154	755	893	450	363	215	234	203
Florida.....	1,721	1,862	1,760	2,084	1,830	1,363	1,082	1,271	924
Louisiana.....	2,389	4,720	2,664	2,610	2,778	1,826	2,856	3,333	2,442
Mississippi.....	74	127	131	114	73	50	22	17	7
Texas.....	92	65	38	39	106	14	30	22	8
Arizona.....	6	3			3	3	4	30	12
Total.....	5,053	7,931	5,348	5,740	5,240	3,619	4,209	4,907	3,596
Second early:									
Arkansas.....	688	578	1,721	1,092	2,144	357	536	282	833
California (southern dist.).....	16	13	75	62	18	3	3	0	
Georgia.....	9	14	11	13	11	6		1	
North Carolina.....	756	1,228	619	849	306	787	483	393	76
South Carolina.....	9	44	58	74	35	34	23		
Tennessee.....	1,158	1,066	1,282	1,632	1,217	983	173	373	327
Virginia.....	335	525	393	475	198	200	171	129	70
Total.....	2,971	3,468	4,150	4,197	3,920	2,430	1,389	1,184	1,306
Intermediate:									
California (other).....	203	174	360	385	405	365	304	383	277
Delaware.....	203	111	94	158	241	158	95	149	11
Illinois.....	163	119	175	211	138	72	31	5	
Kansas.....	29	23	13	15	1	1	5		
Kentucky.....	404	395	1,070	988	979	1,057	353	438	688
Maryland.....	424	352	326	358	241	220	118	351	41
Missouri.....	507	692	795	765	614	195	212	60	323
New Jersey.....	106	80	67	41	39	2		5	1
Oklahoma.....	39	3	12	14	54				
Total.....	2,378	1,929	2,918	2,935	2,709	2,070	1,118	1,391	1,321
Late:									
Colorado.....					1				
Idaho.....				1	8	6			
Indiana.....	33	64	150	188	38	123	48	96	123
Iowa.....	48	36	44	22	5	2	2		2
Maine.....		9	7						
Massachusetts.....	44	21	21	11	15			2	
Michigan.....	57	53	71	102	22	31	15	14	17
New York.....	31	58	85	24	25	29	12	30	16
Ohio.....									3
Oregon.....	35	40	112	2	11	27	34	6	33
Utah.....	12	23	32	9	23	12	17	25	30
Washington.....	7	8	59	18	32	145	28	43	32
Wisconsin.....									
Total.....	267	312	581	379	176	375	156	216	256
Grand total.....	10,669	13,640	13,006	13,251	12,061	8,494	6,872	7,698	6,479

¹ Crop movement season is for calendar year, except Florida and Texas (starting with 1933 season) which begin in December of the preceding year.

² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 347.—*Strauberies: Average wholesale price per quart, New York and Chicago, 1929-39*

Season	New York						Chicago					
	Jan. ¹	Feb. ¹	Mar.	Apr.	May	June	Jan. ¹	Feb. ¹	Mar.	Apr.	May	June
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	0.53	0.35	0.38	0.28	0.13	.....	0.58	0.42	0.46	0.26	0.16	.....
1930.....	.42	.45	.36	.39	.20	.17	.42	.44	.39	.36	.20	1.20
1931.....	.47	.37	.33	.30	.18	.11	.44	.37	.38	.31	.20	.12
1932.....	.24	.28	.37	.38	.14	.09	.26	.29	.33	.30	.12	.06
1933.....	.25	.19	.24	.19	.10	.10	.26	.21	.25	.18	.08	.07
1934.....	.28	.25	.28	.23	.13	.12	.30	.26	.28	.21	.11	.14
1935.....	.54	.26	.21	.20	.14	.11	.57	.26	.32	.21	.14	.11
1936.....	.35	.31	.28	.24	.15	.16	.37	.32	.20	.22	.16	.13
1937.....	.28	.27	.35	.31	.15	.12	.28	.28	.34	.29	.18	.14
1938.....	.42	.26	.26	.22	.15	.14	.42	.27	.25	.20	.14	.17
1939.....	.28	.23	.27	.20	.....	.....	.29	.25	.30	.21	.....	.....

¹ Supplies in January and February are usually very limited and are almost exclusively from Florida.² Less than 10 quotations.

Bureau of Agricultural Economics.

Compiled from daily market reports from Bureau representatives in the various markets.

Average prices as shown are based on stock of good merchantable quality and condition in less than car-load quantities; they are simple averages of daily range of selling prices. In some cases conversions have been made from larger to smaller units or vice versa, in order to obtain comparability.

TABLE 348.—*Tomatoes: Commercial acreage, season average price received by farmers, production, and foreign trade, United States, 1918-38*

Year	Commercial acreage		Season average price received by farmers		Commercial production		Foreign trade, year beginning July					
							Imports			Domestic exports		
	For market	For manufacture	For market, per bushel ¹	For manufacture, per ton ¹	For market	For manufacture	Fresh	Canned ²	Paste	Fresh	Canned	Catsup and sauces
	Acres	Acres	Dollars	Dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1918.....	75,080	354,060	1.48	21.73	558,726	3,131,800	.....	.....	.....	.....	.....	.....
1919.....	82,860	276,960	1.51	19.50	568,425	2,222,200	.....	.....	.....	.....	.....	.....
1920.....	80,620	235,780	1.63	19.80	612,574	2,199,600	.....	.....	.....	.....	.....	.....
1921.....	73,610	94,340	1.77	11.65	540,070	913,800	.....	.....	.....	.....	.....	.....
1922.....	100,860	235,150	1.96	12.62	752,017	2,398,400	20,166	.....	.....	8,917	.....	.....
1923.....	97,340	298,700	2.31	13.56	709,617	2,330,600	50,338	32,237	4,164	9,182	4,560	.....
1924.....	128,530	291,270	2.19	15.71	816,147	2,380,400	60,216	73,902	17,382	5,203	5,520	.....
1925.....	127,710	355,130	2.08	14.70	806,813	3,618,400	82,448	84,897	18,179	5,794	5,006	.....
1926.....	115,600	263,300	2.06	14.71	718,521	1,997,200	124,489	80,257	15,642	7,504	7,556	.....
1927.....	132,540	267,970	1.62	14.31	875,242	2,391,800	113,357	103,782	12,064	6,725	8,584	.....
1928.....	141,160	270,850	1.80	14.19	840,262	1,994,400	128,627	114,042	9,539	4,009	13,006	.....
1929.....	151,520	323,720	1.77	15.25	965,690	3,069,400	139,886	147,429	16,547	4,872	10,419	.....
1930.....	158,640	407,950	1.61	15.03	915,681	3,515,000	113,480	75,173	11,608	2,916	5,210	.....
1931.....	160,610	296,120	1.10	11.80	897,767	1,952,800	122,215	91,572	12,154	4,621	3,221	.....
1932.....	160,040	280,510	1.03	10.08	951,350	2,398,600	50,028	72,226	11,405	4,038	2,561	.....
1933.....	159,470	280,150	1.14	11.39	868,776	2,162,600	746,254	775,963	11,363	1,885	2,698	.....
1934.....	190,430	398,660	1.21	12.03	1,119,254	2,851,400	77,160	76,286	12,233	1,958	3,125	.....
1935.....	190,150	471,730	1.14	11.73	1,104,573	3,400,400	82,504	64,985	8,525	9,302	1,823	3,451
1936.....	184,130	419,070	1.30	12.59	1,102,718	3,975,000	97,037	61,421	10,540	14,962	2,546	3,855
1937.....	198,900	451,000	1.29	13.11	1,137,221	3,852,600	65,831	55,363	8,278	23,598	1,807	3,756
1938 ³	222,200	390,200	1.06	12.31	1,300,998	3,473,800	.....	.....	.....	.....	.....	.....

¹ Bushels containing approximately 53 pounds.² Short tons.³ Includes "otherwise prepared," if any.⁴ Beginning Sept. 22, 1922.⁵ Reported in value only, prior to this date.⁶ Jan. 1-June 30, 1924; not separately classified prior to this date.⁷ Imports for consumption beginning 1933-34.⁸ Jan. 1-June 30, 1936; not separately classified prior to this date.⁹ Preliminary.

Bureau of Agricultural Economics. Production figures based on returns from crop reporters and canning establishments; imports and exports compiled from Monthly Summary of Foreign Commerce of the United States, June issues, and official records of the Bureau of Foreign and Domestic Commerce.

TABLE 349.—*Tomatoes, commercial crop: Acreage, production, season average price per bushel and per ton received by farmers, and farm value, 1918-38*

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels¹</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
For market:						For manufacture:					
1918.....	75,080	140	10,542	1.48	15,608	1918.....	354,090	4.42	1,565,900	21.73	34,020
1919.....	82,860	129	10,725	1.51	16,191	1919.....	276,960	4.01	1,111,100	18.50	20,557
1920.....	80,620	143	11,558	1.63	18,810	1920.....	235,780	4.66	1,099,800	19.90	21,777
1921.....	73,610	138	10,190	1.77	18,046	1921.....	94,340	4.84	456,900	11.65	5,323
1922.....	100,860	141	14,189	1.96	27,818	1922.....	235,150	5.10	1,199,200	12.62	15,139
1923.....	97,340	138	13,389	2.31	30,884	1923.....	268,700	4.34	1,165,300	13.56	15,896
1924.....	128,530	129	15,399	2.19	33,749	1924.....	291,270	4.09	1,190,200	15.71	18,703
1925.....	127,710	132	16,921	2.08	33,808	1925.....	355,130	5.09	1,809,200	14.79	26,755
1926.....	115,600	117	13,557	2.06	27,930	1926.....	263,300	3.79	998,600	14.71	14,689
1927.....	132,540	125	16,514	1.62	26,731	1927.....	267,970	4.46	1,195,900	14.31	17,112
1928.....	141,160	112	15,854	1.80	28,484	1928.....	270,850	3.68	997,200	14.19	14,146
1929.....	151,520	120	18,220	1.77	32,174	1929.....	323,720	4.74	1,534,700	15.25	23,409
1930.....	158,640	109	17,277	1.61	27,750	1930.....	407,950	4.31	1,757,600	15.05	26,444
1931.....	160,610	105	16,339	1.10	18,389	1931.....	296,120	3.30	976,400	11.80	11,517
1932.....	160,040	112	17,950	1.03	18,466	1932.....	280,510	4.28	1,199,300	10.06	12,090
1933.....	159,470	103	16,392	1.14	18,488	1933.....	280,150	3.96	1,081,300	11.39	12,316
1934.....	190,430	111	21,118	1.21	24,524	1934.....	368,660	3.87	1,425,700	12.03	17,148
1935.....	190,150	110	20,841	1.14	23,848	1935.....	471,730	3.60	1,700,200	11.73	19,951
1936.....	184,130	113	20,806	1.30	27,141	1936.....	419,070	4.74	1,967,500	12.59	25,029
1937.....	198,900	108	21,457	1.29	27,613	1937.....	451,000	4.27	1,926,300	13.11	25,280
1938.....	222,200	110	24,546	1.06	26,015	1938.....	390,200	4.45	1,736,900	12.31	21,381

¹ Bushels containing approximately 53 pounds.² Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 168,000 bushels in 1931, 50,000 in 1932, 134,000 in 1933, and 830,000 in 1934.

Bureau of Agricultural Economics.

TABLE 350.—*Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, annual 1937 and 1938*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:									
Fall: ²	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels¹</i>	<i>1,000 bushels¹</i>	<i>1,000 bushels¹</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	2,330	4,500	4,000	174	243	220	3.30	2.65	3.20
Texas.....	2,610	6,200	5,000	143	279	130	1.65	1.25	1.55
Total or average.....	4,700	10,700	9,000	300	522	350	2.38	1.90	2.59
Early (sec. 1):									
Florida, South.....	12,280	17,200	15,500	1,486	1,617	2,945	2.60	2.65	1.70
Early (sec. 2):									
California, Imperial Valley.....	1,780	3,000	3,000	217	180	510	2.05	1.85	2.65
Florida, other.....	15,180	10,500	21,800	1,049	886	1,788	2.75	3.00	1.60
Texas, Lower Valley.....	10,680	13,500	16,200	758	1,060	1,264	1.65	1.85	.80
Total or average.....	27,640	27,300	41,000	2,024	2,146	3,562	2.26	2.32	1.47
Second early:									
Georgia.....	1,630	4,500	10,000	100	180	350	1.40	1.65	1.00
Louisiana.....	1,790	2,800	3,100	157	196	220	1.65	1.25	.60
Mississippi.....	10,840	9,500	10,000	1,288	912	1,200	1.50	1.40	.73
South Carolina.....	2,650	6,000	9,000	204	360	380	1.70	1.75	1.15
Texas, other.....	20,760	27,000	30,300	1,826	1,485	1,939	1.30	1.80	.60
Total or average.....	37,600	49,800	62,400	3,575	3,133	4,088	1.42	1.40	.73

See footnotes at end of table.

TABLE 350.—*Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, average 1927-36, annual 1937 and 1938—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
For market:									
Intermediate:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i> ¹	<i>1,000 bushels</i> ¹	<i>1,000 bushels</i> ¹	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Arkansas.....	2,620	3,000	3,500	180	240	298	1.15	1.00	1.60
California.....	3,290	9,850	8,900	598	1,625	1,513	1.35	1.35	1.35
Illinois, Union County.....	1,030	800	800	63	56	52	1.40	1.00	.90
Maryland.....	3,880	6,400	6,100	561	832	659	.70	.65	.60
Missouri.....	5,200	5,500	5,500	465	550	495	.90	1.10	1.00
New Jersey.....	10,480	12,000	12,000	2,007	2,275	1,890	.75	.70	.65
North Carolina.....	1,910	2,000	2,000	172	222	130	1.35	1.25	1.10
Ohio, southeast.....	1,110	1,050	1,000	200	184	160	1.65	1.65	1.00
Tennessee.....	8,110	6,700	6,300	909	770	882	1.25	.65	.80
Virginia.....	3,100	2,200	2,400	383	297	288	.90	.55	.65
Total or average.....	40,350	50,500	48,500	5,433	6,901	6,277	.99	.91	.88
Late (sec. 1):									
California, northern district.....	6,900	6,300	5,900	755	724	914	1.55	1.55	1.45
Colorado.....	1,340	2,400	2,200	360	636	396	.70	.60	.50
Delaware.....	210	200	200	27	24	18	.60	.55	.40
Illinois, other.....	3,130	1,000	900	250	75	61	.95	.85	.70
Indiana.....	5,300	6,000	5,400	602	660	540	.80	.65	.60
Iowa.....	600	600	600	54	81	72	.80	.55	.45
Kentucky.....	1,940	2,300	2,300	178	276	196	.95	.65	.40
Michigan.....	1,760	3,400	3,700	278	476	500	.90	.85	.75
New York.....	4,570	7,200	8,500	961	1,872	1,955	.70	.60	.50
Ohio, other.....	1,370	1,400	1,100	223	189	269	.75	.75	.70
Oregon.....	1,770	1,400	1,500	167	294	285	1.00	.80	.65
Pennsylvania.....	1,360	2,000	2,000	239	380	400	.90	.85	.75
Utah.....	740	1,000	400	98	80	52	.60	.50	.60
Washington.....	1,520	1,200	1,100	348	216	176	.90	.80	.65
Total or average.....	31,190	36,400	35,800	4,488	5,983	5,774	.90	.78	.72
Late (sec. 2):									
California, southern district.....	9,020	7,000	10,000	685	1,155	1,550	1.60	1.50	1.45
Grand total.....	162,870	198,900	222,200	18,191	21,457	24,546	1.37	1.29	1.06
For manufacture:				<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>			
New York.....	14,000	20,400	18,500	93,400	142,800	170,200	13.00	13.00	12.60
New Jersey.....	32,600	35,300	33,300	168,500	137,700	139,900	16.40	14.00	15.00
Pennsylvania.....	6,700	15,400	16,400	31,800	66,200	86,900	13.90	14.30	15.00
Ohio.....	12,000	21,000	23,700	71,500	69,300	156,400	10.40	12.50	12.20
Indiana.....	68,300	80,700	71,200	290,700	427,700	299,000	11.20	12.60	11.20
Illinois.....	7,300	9,000	8,600	20,800	44,100	38,700	12.40	13.50	12.80
Michigan.....	2,600	6,100	5,800	14,600	20,700	36,000	9.90	11.00	12.10
Iowa.....	5,200	5,100	5,200	17,400	30,100	23,900	11.70	13.70	12.00
Missouri.....	15,700	14,200	14,100	31,900	32,700	32,400	11.30	12.10	10.80
Delaware.....	13,600	13,000	9,400	46,500	42,900	27,300	15.00	13.50	14.50
Maryland.....	46,000	61,000	56,000	169,200	176,900	162,400	14.20	12.70	14.10
Virginia.....	17,600	25,200	20,900	52,600	65,500	64,800	12.50	13.00	11.90
Kentucky.....	5,800	3,900	3,700	14,100	14,400	11,500	10.80	11.80	10.30
Tennessee.....	9,600	9,200	8,000	20,800	22,100	23,200	11.40	12.30	11.40
Arkansas.....	16,600	14,300	17,700	35,600	34,300	42,500	11.30	12.70	11.00
Colorado.....	2,400	4,700	3,000	15,300	25,400	12,300	10.10	10.60	10.40
Utah.....	5,600	6,400	5,100	44,700	54,400	54,100	10.30	11.00	10.00
California.....	44,200	83,030	46,480	238,500	448,400	283,500	13.20	14.10	11.80
Other States ²	12,300	23,070	23,120	37,700	70,700	71,900	12.05	11.53	9.56
Total.....	338,700	451,000	390,200	1,385,600	1,926,300	1,736,900	12.84	13.11	12.31

¹ Bushels containing approximately 53 pounds.² Fall crop States supply earliest new-crop movement, starting in fall preceding year shown.³ Short-time average.⁴ Includes some quantities not harvested on account of market conditions. Price refers to harvested portion of crop.⁵ Other States includes Alabama, Connecticut, Florida, Georgia, Idaho, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, New Mexico, North Carolina, Oklahoma, Oregon, South Carolina, Texas, Washington, West Virginia, and Wisconsin.

Bureau of Agricultural Economics; estimates based on returns from crop reporters and canning establishments. Secs. 1 and 2 refer to the chronological movement of the crop to market.

TABLE 351.—*Tomatoes: Carlot shipments, by State of origin, 1928-38*¹

Group and State	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Fall and early:											
California, Imperial Valley.....	Cars 322	Cars 186	Cars 139	Cars 100	Cars 48	Cars 11	Cars 44	Cars 24	Cars 72	Cars 23	Cars 12
Florida.....	8,491	8,038	6,495	5,435	6,284	6,201	7,705	7,175	6,049	5,628	11,679
Texas.....	99	100	338	215	238	112	188	371	300	287	134
Total.....	8,912	8,324	6,972	5,750	6,570	6,324	7,937	7,570	6,421	5,938	11,825
Second early:											
Alabama.....	7	—	9	3	—	—	—	151	221	241	1
Georgia.....	73	60	51	12	12	5	—	—	—	—	81
Louisiana.....	—	6	3	13	57	235	322	228	229	185	339
Mississippi.....	3,230	4,099	3,450	2,683	2,869	2,408	3,012	2,355	2,331	2,104	2,863
South Carolina.....	161	348	461	348	235	162	153	604	761	711	667
Texas.....	4,335	5,000	7,331	8,536	3,996	6,158	5,690	4,490	4,922	5,379	6,842
Total.....	7,806	9,513	11,305	11,595	7,169	8,968	9,177	7,828	8,464	8,620	10,793
Intermediate:											
Arizona.....	—	—	—	—	—	—	—	1	—	—	—
Arkansas.....	385	298	318	217	228	62	89	208	193	184	424
California.....	580	382	446	469	277	336	906	582	1,177	1,175	933
Delaware.....	—	27	11	—	—	—	3	1	4	2	—
Kansas.....	27	29	30	16	22	—	—	—	1	1	—
Kentucky.....	42	244	40	9	—	—	—	9	—	—	—
Maryland.....	613	775	554	373	313	267	267	361	739	528	432
Missouri.....	194	119	139	26	107	75	2	15	24	36	61
New Jersey.....	678	694	842	52	17	11	5	8	14	30	12
North Carolina.....	3	2	118	158	162	83	66	79	68	19	145
Ohio.....	431	628	328	628	583	330	307	311	179	216	336
Oklahoma.....	51	35	56	35	16	9	6	1	—	1	11
Tennessee.....	2,759	2,317	2,496	2,026	1,429	1,702	2,170	1,340	1,245	2,035	—
Virginia.....	277	488	243	166	147	61	83	46	373	53	46
West Virginia.....	29	36	9	7	8	1	5	—	—	—	—
Total.....	6,069	6,074	5,630	4,194	3,906	2,664	3,441	3,792	4,112	3,490	4,425
Late:											
Arkansas.....	4	2	—	—	—	—	3	—	—	—	—
California.....	3,573	3,673	4,873	2,834	3,982	3,380	2,711	2,555	2,676	3,548	3,746
Colorado.....	59	55	138	195	67	30	53	25	84	140	62
Connecticut.....	—	—	—	—	—	—	2	1	—	—	—
Georgia.....	—	1	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Illinois.....	240	237	316	339	139	53	60	2	11	132	14
Indiana.....	799	1,631	2,217	683	279	148	28	77	38	409	767
Iowa.....	120	53	197	—	—	—	—	—	—	—	—
Louisiana.....	—	—	7	—	—	—	—	—	—	—	—
Michigan.....	87	42	52	29	35	28	18	3	—	82	217
Minnesota.....	—	—	1	—	—	—	—	—	—	—	—
Mississippi.....	—	—	1	—	—	—	—	—	—	—	—
Missouri.....	2	—	—	—	—	—	1	1	—	—	—
Montana.....	—	—	—	1	—	—	1	—	—	—	—
New Mexico.....	7	17	7	4	—	—	—	—	—	—	—
New York.....	1,112	838	514	774	463	408	564	510	291	373	873
Ohio.....	495	392	679	732	377	349	318	524	1,755	454	626
Oregon.....	8	72	68	116	70	89	39	48	103	143	72
Pennsylvania.....	50	85	46	—	—	—	135	143	852	865	1,298
South Carolina.....	—	—	—	—	—	—	—	—	—	—	—
Utah.....	899	740	842	323	198	282	337	276	271	216	153
Washington.....	143	215	336	252	78	100	142	31	208	28	—
Wisconsin.....	—	—	—	1	—	—	—	8	6	13	2
Total.....	7,607	8,053	9,794	6,284	5,688	4,867	4,412	4,204	6,298	6,403	7,741
Grand total.....	30,394	31,964	33,701	27,823	23,333	22,823	24,967	23,394	25,295	24,451	34,784

¹ Bulk of shipments: Fall and early, October of preceding year through June; second early, April-August; intermediate, May-October; late, July-December.

² Preliminary.

³ Includes shipments for emergency relief: 621 cars.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country. Shipments as shown in carlots include those by boat reduced to a carlot basis. Shipments by truck not included.

TABLE 352.—*Tomatoes and tomato juice, canned: Pack, by States, 1927-31 and 1933-38*^{1,2}

TOMATOES											
State	1927	1928	1929	1930	1931	1933 ³	1934	1935	1936	1937	1938
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
New York.....	512	446	562	797	848	829	1,259	1,145	951	1,031	1,124
New Jersey.....	433	161	438	607	245	189	216	262	268	126	113
Pennsylvania.....	255	162	208	257	272	312	400	531	779	446	600
Ohio.....	322	212	262	732	519	729	890	841	841	864	1,375
Indiana.....	1,931	1,046	1,336	3,463	2,034	2,876	3,487	3,587	3,010	3,642	3,037
Missouri.....	1,033	676	1,061	1,840	885	2,639	228	1,594	98	2,646	2,828
Delaware.....	1,412	555	1,453	1,289	581	455	685	770	573	667	379
Maryland.....	6,266	2,937	6,914	6,435	2,918	4,500	6,165	6,894	7,313	5,961	5,091
Virginia.....	1,807	795	1,568	1,397	867	1,668	1,716	1,144	1,750	1,937	1,838
Kentucky.....	431	190	284	275	275	832	759	1,160	552	961	790
Tennessee.....	629	272	507	885	536						
Arkansas.....	1,157	1,047	1,312	1,793	1,299	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Colorado.....	217	269	334	499	387	219	(⁴)	361	459	459	247
Utah.....	1,352	1,577	1,310	1,346	1,784	948	716	725	1,209	1,124	855
California.....	3,853	3,399	4,799	5,906	1,474	2,684	4,400	4,112	4,715	4,256	2,676
Other States.....	785	831	1,198	1,494	1,447	1,581	1,455	1,859	1,666	2,185	1,998
United States.....	22,425	14,575	24,146	29,015	16,341	20,461	22,376	26,985	24,209	26,076	22,960

TOMATO JUICE

United States.....	-----	-----	231	1,674	4,720	4,478	6,154	11,615	16,470	16,941	10,832
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¹ Stated in cases of 24 No. 2 cans.² No comparable figures for 1932.³ Includes West Virginia.⁴ Included in Missouri.⁵ Included in "Other States."

Bureau of Agricultural Economics. Compiled from Bureau of Census, 1927-29; Foodstuffs Division, Bureau of Foreign and Domestic Commerce, 1930 and 1931; National Canners' Association, 1933-38. Total United States pack in 1932 was 20,367,000 cases of tomatoes and 5,559,000 cases of tomato juice, on the basis of 24 No. 2 cans. Most of the tomato juice is packed in Indiana, California, New York, Pennsylvania, New Jersey, and Illinois.

TABLE 353.—*Walnuts, Persian (English): Production and season average price per ton received by farmers, California and Oregon, 1919-38*

Year	California			Oregon			Year	California			Oregon		
	Pro- duc- tion	Price	Farm value	Pro- duc- tion	Price	Farm value		Pro- duc- tion	Price	Farm value	Pro- duc- tion	Price	Farm value
	Short tons	Dol- lars	1,000 dollars	Short tons	Dol- lars	1,000 dollars		Short tons	Dol- lars	1,000 dollars	Short tons	Dol- lars	1,000 dollars
1919.....	30,000	550	16,500	230	-----	-----	1929.....	42,000	320	13,440	1,250	360	450
1920.....	22,700	400	9,080	250	-----	-----	1930.....	29,000	410	11,890	750	400	300
1921.....	23,000	400	9,200	350	-----	-----	1931.....	31,600	233	7,363	2,400	275	660
1922.....	29,000	380	10,440	400	-----	-----	1932.....	45,500	174	7,917	3,000	240	720
1923.....	26,500	400	10,600	450	-----	-----	1933.....	32,000	222	7,104	1,000	280	280
1924.....	24,200	460	11,132	450	216	-----	1934.....	43,000	167	8,041	2,800	250	700
1925.....	36,000	440	15,840	550	480	264	1935.....	52,000	202	10,504	3,200	230	736
1926.....	15,000	480	7,200	900	500	450	1936.....	41,900	216	9,050	1,400	255	357
1927.....	51,000	330	16,830	1,100	360	396	1937.....	58,000	180	10,440	2,100	225	472
1928.....	25,900	420	10,878	1,500	440	660	1938 ¹	44,000	225	9,900	5,000	240	1,200

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 354.—Watermelons, commercial crop: Acreage, production, season average price per 1,000 melons received by farmers, and farm value, 1918-38

Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Utilization and year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	Acres	Melons	1,000 melons	Dollars	1,000 dollars		Acres	Melons	1,000 melons	Dollars	1,000 dollars
For market:						For market:					
1918.....	80,930	365	29,530	154	4,537	1929.....	220,810	322	70,996	170	12,047
1919.....	121,060	349	42,399	170	7,212	1930.....	253,700	329	83,508	116	9,045
1920.....	148,980	396	58,943	185	10,930	1931.....	254,000	304	77,139	101	7,642
1921.....	158,190	405	62,870	177	11,146	1932.....	248,400	287	63,865	80	4,442
1922.....	210,840	344	72,493	155	11,244	1933.....	221,050	257	56,842	93	5,184
1923.....	157,780	278	43,869	252	11,056	1934.....	284,310	212	60,311	105	6,303
1924.....	185,560	314	58,307	162	9,461	1935.....	273,030	245	66,879	97	6,232
1925.....	171,290	328	56,131	236	13,247	1936.....	256,600	248	63,555	129	8,152
1926.....	204,560	349	71,296	146	10,398	1937.....	263,340	280	73,734	106	7,493
1927.....	185,580	310	57,456	185	10,635	1938.....	262,950	266	69,929	109	7,186
1928.....	213,050	297	63,300	170	10,794						

¹ Includes some quantities not harvested on account of market conditions and excluded in computing farm value: 5,677,000 melons in 1930, 1,761,000 in 1931, 8,663,000 in 1932, 1,354,000 in 1933, 122,000 in 1934, 2,737,000 in 1935, 200,000 in 1936, 2,754,000 in 1937 and 3,979,000 in 1938.

Bureau of Agricultural Economics.

TABLE 355.—Watermelons, commercial crop: Acreage, production, and season average price per 1,000 melons received by farmers, average 1927-36, annual 1937 and 1938

Group and State	Acreage			Production			Price ¹ for crop of—		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
Early:									
California, Imperial Valley.....	Acres 7,580	Acres 8,000	Acres 7,000	1,000 melons \$ 5,072	1,000 melons 5,000	1,000 melons 3,290	Dollars 118	Dollars 110	Dollars 168
Florida.....	27,630	19,500	22,500	\$ 7,542	\$ 5,850	\$ 6,975	217	240	150
Total or average.....	35,210	27,500	29,500	12,614	10,850	10,265	178	178	156
Second early:									
Alabama.....	9,060	13,000	14,000	\$ 2,713	3,900	3,920	97	68	71
Arizona.....	1,320	1,000	1,000	429	315	192	150	180	
Georgia.....	60,340	64,000	57,600	\$ 18,138	\$ 16,000	\$ 13,824	97	65	72
Louisiana.....	\$ 1,030	4,800	4,600	\$ 287	1,680	1,334	\$ 92	96	113
Mississippi.....	3,710	8,700	8,000	\$ 951	\$ 1,914	2,000	129	79	111
North Carolina.....	10,200	11,600	10,600	2,314	1,740	1,060	108	85	115
South Carolina.....	17,780	21,000	20,000	\$ 4,425	\$ 4,620	\$ 4,000	105	55	100
Texas.....	44,050	46,000	49,000	\$ 7,263	6,900	6,860	142	136	130
Total or average.....	155,770	170,100	164,800	36,319	37,069	33,308	108	82	95
Late:									
Arkansas.....	4,140	4,800	4,800	1,026	1,320	1,344	126	110	110
California, other.....	8,090	9,600	10,200	\$ 5,748	6,528	7,293	111	108	101
Colorado.....	920	1,320	1,050	274	449	331	144	150	100
Delaware.....	1,290	2,200	2,900	440	847	1,038	106	110	130
Illinois.....	5,310	6,300	6,600	1,455	2,678	2,673	140	105	100
Indiana.....	5,670	8,800	9,000	1,618	4,400	2,700	137	100	109
Iowa.....	1,960	1,800	2,100	444	684	672	132	100	130
Maryland.....	1,960	2,800	3,400	634	924	1,190	112	110	130
Missouri.....	8,650	13,000	13,000	2,191	3,120	4,550	113	99	115
New Jersey.....	1,620	1,500	1,500	690	750	495	177	140	90
Oklahoma.....	5,130	7,500	8,000	1,080	1,500	1,800	116	110	100
Oregon.....	\$ 530	740	700	\$ 263	\$ 333	315	\$ 114	160	100
Virginia.....	3,670	4,300	4,500	\$ 1,306	1,634	1,305	116	105	100
Washington.....	1,080	1,080	900	390	648	630	146	140	110
Total or average.....	50,080	65,740	68,650	17,458	25,815	26,356	120	108	108
Grand total.....	241,060	263,340	262,950	66,391	73,734	69,929	125	106	109

¹ Price per 1,000 melons.

² Includes some quantities not harvested; Florida, 390,000 melons in 1937 and 675,000 in 1938; Georgia, 1,600,000 melons in 1937 and 2,204,000 in 1938; Mississippi, 174,000 melons in 1937; South Carolina, 420,000 melons in 1937 and 1,000,000 in 1938; Oregon, 89,000 melons in 1937; Washington, 81,000 melons in 1937. Price refers to harvested portion of crop.

³ Short-time average.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

TABLE 356.—*Watermelons: Carlot shipments, United States, by months, 1929-39*

Season	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1929.....	36	3,498	22,047	18,287	7,582	1,007	87	52,514
1930.....		386	17,830	29,028	10,306	1,359	102	59,011
1931.....		121	16,282	23,733	10,344	1,593	88	52,131
1932.....	2	696	11,534	13,066	5,274	655	21	32,145
1933.....	3	1,637	7,967	13,824	5,882	919	20	29,732
1934.....		1,181	10,634	11,752	4,628	330	6	28,531
1935.....		1,149	13,181	13,066	3,814	597	15	31,823
1936.....			210	16,684	13,414	5,886	270	6 30,470
1937.....		424	8,489	18,726	4,304	207	8	32,158
1938 ¹	1	1,457	10,341	9,044	3,182	200	1	24,326
1939 ¹		1,309						

¹ Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from official and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 357.—*Watermelons: Carlot shipments, by State of origin, 1929-38¹*

State	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Early:										
California, Imperial Valley.....	<i>Cars</i> 4,658	<i>Cars</i> 4,320	<i>Cars</i> 4,686	<i>Cars</i> 3,115	<i>Cars</i> 2,160	<i>Cars</i> 2,990	<i>Cars</i> 2,018	<i>Cars</i> 2,067	<i>Cars</i> 3,225	<i>Cars</i> 1,664
Florida.....	10,470	8,682	9,561	5,364		4,241	3,862	4,007	4,998	5,650
Total.....	15,137	13,002	14,247	8,479	6,401	6,861	7,854	6,704	8,224	7,314
Second early:										
Alabama.....	722	1,056	978	874	542	971	715	784	992	969
Arizona.....	126	83	24	21	10	31	36	10	11	10
Georgia.....	21,852	25,998	18,545	9,001	9,291	8,965	12,169	8,896	10,630	7,274
Louisiana.....	32	11	82	32	59	8	121	330	546	321
Mississippi.....	251	206	139	35	34	286	421	1,027	475	544
North Carolina.....	758	1,769	2,486	1,628	1,705	1,239	1,389	1,243	747	447
South Carolina.....	3,494	5,018	4,206	3,617	4,397	2,349	3,351	4,197	3,473	1,634
Texas.....	4,460	6,050	4,107	3,159	2,272	2,208	1,739	1,670	1,830	1,067
Total.....	31,725	40,191	30,567	18,367	18,310	16,057	19,941	18,157	18,704	12,586
Late:										
Arkansas.....	439	270	312	173	135	103	232	376	296	284
California, other.....	1,708	1,962	1,555	1,228	662	959	1,055	938	1,267	989
Colorado.....	31	90	63	68	42	25	23	13	0	12
Delaware.....	52	41	58	98	67	54	25	9	85	15
Idaho.....	35	21	10	23	6	3	6	7	1	
Illinois.....	159	81	96	77	99	97	9	17	100	85
Indiana.....	299	102	305	32	16	110	9	13	63	25
Iowa.....	83	100	109	60	82	43	12	64	135	141
Kansas.....	155	115	59	63	12		1	1	12	7
Maryland.....	210	311	620	462	370	333	338	237	292	175
Michigan.....	1		1							
Minnesota.....	1									
Missouri.....	1,039	1,405	2,641	1,770	1	2,351	2,632	1,386	1,967	2,086
Nebraska.....		1								
Nevada.....	31	1								
New Jersey.....	16	23	45	41	13	19	2		4	
Oklahoma.....	538	511	244	73	42	6	10	22	139	79
Oregon.....	36	18	33	28	30	64	21	57	18	17
South Dakota.....	6	5	3	2	1	1	1	1	1	
Tennessee.....	8	2								
Utah.....	10	3	6	2						
Virginia.....	487	510	935	961	1,047	922	847	567	744	453
Washington.....	307	239	192	140	66	152	51	98	78	57
West Virginia.....	1									
Total.....	5,652	5,818	7,317	5,302	5,041	5,613	4,028	5,609	5,231	4,426
Grand total.....	52,514	59,011	52,131	32,148	29,752	28,531	31,823	30,470	32,159	24,326

¹ Crop-movement season extends from Apr. 1 through October of a given year.² Preliminary.

Bureau of Agricultural Economics. Compiled from daily and monthly reports received by the Bureau from officials and local agents of common carriers throughout the country.

Shipments as shown in carlots include those by boat reduced to carlot basis. Shipments by truck not included.

TABLE 358.—*Truck crops, commercial: Acreage, and cash income or farm value, 1918-38*

Year	Acreage			Cash income or farm value		
	For market ¹	For canning or manufacture ²	Total ³	For market ¹	For canning or manufacture ²	Total ³
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1918.....	471,120	869,510	1,340,630	104,186	60,803	164,989
1919.....	521,850	744,120	1,265,970	117,667	46,019	163,686
1920.....	619,400	726,200	1,345,600	123,534	51,266	174,800
1921.....	621,270	460,540	1,081,810	135,130	26,058	161,188
1922.....	791,750	701,450	1,493,200	132,810	38,710	191,520
1923.....	732,710	844,240	1,576,950	172,904	45,817	218,721
1924.....	910,280	979,120	1,889,400	180,866	53,361	234,227
1925.....	969,650	1,106,170	2,135,820	195,120	71,080	266,206
1926.....	1,064,940	973,700	2,038,640	185,698	50,715	236,413
1927.....	1,122,200	824,130	1,946,330	192,768	43,590	236,358
1928.....	1,219,240	992,210	2,211,450	216,771	49,418	266,189
1929.....	1,304,560	1,184,240	2,488,800	224,419	64,938	289,357
1930.....	1,449,790	1,378,510	2,828,300	204,369	71,240	275,609
1931.....	1,505,520	1,121,200	2,626,720	177,504	42,539	220,043
1932.....	1,550,740	781,970	2,332,710	145,730	26,051	172,381
1933.....	1,451,440	897,360	2,348,800	142,381	30,287	172,638
1934.....	1,660,860	1,155,250	2,816,110	163,843	41,590	205,439
1935.....	1,652,030	1,456,850	3,108,880	177,341	55,691	233,032
1936.....	1,727,870	1,367,080	3,095,550	194,466	57,155	251,621
1937.....	1,691,460	1,563,870	3,255,330	205,184	70,459	275,643
1938.....	1,712,540	1,373,700	3,086,240	180,426	63,502	243,928

¹ Crops grown for market: Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, kale, lettuce, onions, green peas, green peppers, spinach, tomatoes, and watermelons.

² Crops grown for canning or manufacture: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

³ Combined statistics of crops grown for market and for canning or manufacture.

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TABLE 359.—*Truck crops, commercial (for market and for canning or manufacture): Cash income or farm value, by States, average 1927-36, annual 1937 and 1938*

State and division	For market ¹			For canning or manufacture ²			Total ³		
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937	1938
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....				954	1,410	1,290	954	1,410	1,290
New Hampshire.....				47	50	27	47	50	27
Vermont.....				66	52	63	66	52	63
Massachusetts.....	1,321	1,123	756	31	18	58	1,352	1,141	814
Connecticut.....				23	20	31	23	20	31
New York.....	11,553	13,222	10,859	4,398	5,566	6,261	15,951	18,788	17,120
New Jersey.....	12,028	12,244	11,272	3,052	2,881	2,120	15,081	15,125	14,392
Pennsylvania.....	2,464	8,719	8,403	856	1,807	2,213	3,320	6,526	5,616
North Atlantic.....	27,377	30,308	26,290	9,427	11,804	13,063	36,804	42,112	39,353
Ohio.....	2,250	2,078	1,886	1,587	1,780	2,822	3,837	3,858	4,708
Indiana.....	2,813	2,451	1,625	4,142	7,669	4,806	6,955	10,120	6,431
Illinois.....	1,585	1,326	1,189	2,137	4,047	2,555	3,722	6,373	3,744
Michigan.....	4,810	5,936	5,708	1,634	2,756	2,889	6,444	8,692	8,597
Wisconsin.....	1,138	1,002	559	5,586	6,090	7,359	6,724	7,092	7,918
Minnesota.....	727	1,132	635	1,538	2,788	2,358	2,265	3,920	3,023
Iowa.....	746	526	462	1,034	1,716	1,117	1,780	2,242	1,579
Missouri.....	983	1,138	1,251	438	539	431	1,421	1,677	1,682
South Dakota.....				12	11	20	12	11	20
Nebraska.....				82	36	37	82	36	37
Kansas.....	36	32	22	20	38	31	56	70	53
North Central.....	15,088	15,621	13,337	18,210	27,470	24,455	33,298	43,091	37,792
Delaware.....	608	706	627	1,160	1,230	928	1,768	1,936	1,555
Maryland.....	2,912	2,836	2,511	4,429	5,361	5,196	7,341	8,197	7,707
Virginia.....	3,621	2,997	2,783	1,142	1,554	1,510	4,763	4,551	4,293
West Virginia.....				41	52	19	41	52	19
North Carolina.....	2,354	2,449	2,257	96	284	275	2,450	2,733	2,532
South Carolina.....	3,635	3,299	2,858	73	44	75	3,708	3,343	2,933
Georgia.....	2,676	2,361	2,348	338	553	971	3,014	2,914	3,319
Florida.....	24,229	25,604	24,698	86	145	156	24,315	25,749	24,854
South Atlantic.....	40,035	40,252	38,082	7,365	9,223	9,130	47,400	49,475	47,212
Kentucky.....	260	248	149	198	199	133	458	447	282
Tennessee.....	1,552	810	1,080	504	697	667	2,056	1,507	1,747
Alabama.....	763	637	545	61	52	69	824	689	614
Mississippi.....	3,198	2,918	1,874	222	210	191	3,420	3,128	2,065
Arkansas.....	777	718	621	506	631	750	1,283	1,349	1,371
Louisiana.....	2,107	2,544	2,006	92	127	101	2,199	2,671	2,107
Oklahoma.....	250	362	382	57	154	161	307	516	543
Texas.....	14,516	15,367	11,238	117	547	566	14,633	15,914	11,804
South Central.....	23,423	23,604	17,895	1,757	2,617	2,638	25,180	26,221	20,533
Montana.....				172	179	146	172	179	146
Idaho.....	905	1,327	1,054	94	169	222	999	1,496	1,276
Wyoming.....				28	31	29	28	31	29
Colorado.....	5,386	6,118	4,403	621	806	531	6,007	6,924	4,934
New Mexico.....	349	241	222	32	58	79	381	299	301
Arizona.....	6,471	9,249	8,108	1	7	6	6,472	9,256	8,114
Utah.....	608	804	597	1,231	1,797	1,968	1,839	2,601	2,565
Nevada.....	76	67	54				76	67	54
Washington.....	3,188	3,865	2,968	532	1,765	1,826	3,720	5,630	4,794
Oregon.....	1,709	2,451	1,945	492	1,916	2,201	2,201	4,367	3,621
California.....	59,345	71,287	65,471	8,344	12,617	7,733	67,689	83,904	73,204
Western.....	78,037	95,399	84,822	11,547	19,345	14,216	89,584	114,744	99,038
United States.....	183,960	205,184	180,426	48,306	70,459	63,502	232,266	275,643	243,928

¹ Crops grown for market: Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, kale, lettuce, onions, green peas, green peppers, spinach, tomatoes, and watermelons.

² Crops grown for canning or manufacture: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

³ Combined cash income or farm value of crops grown for market and for canning or manufacture.

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TABLE 360.—Truck crops, commercial (for market and for canning or manufacture): Acreage, by States, average 1927-36, annual 1937 and 1938

State and division	For market ¹			For canning or manufacture ²			Total ³	
	Average 1927-36	1937	1938	Average 1927-36	1937	1938	Average 1927-36	1937
	Acrea	Acrea	Acrea	Acrea	Acrea	Acrea	Acrea	Acrea
North Atlantic								
Maine.....	183,860	202,680	205,970	155,890	212,820	207,430	339,750	416,400
New Hampshire.....	11,980	10,290	9,730	47,180	55,840	60,730	59,160	67,120
Vermont.....	24,870	28,640	27,260	120,690	153,290	183,870	145,800	179,930
Massachusetts.....	25,470	31,300	37,360	50,090	69,070	80,230	79,460	100,370
Connecticut.....	12,400	11,210	12,170	139,680	178,100	114,900	149,060	189,310
New Jersey.....	6,420	6,430	6,400	64,200	100,360	77,300	69,620	106,620
New York.....	6,980	5,650	5,620	45,610	66,210	42,880	52,590	83,700
Pennsylvania.....	16,720	21,750	21,600	17,890	17,440	16,510	34,610	38,110
North Atlantic.....	410	400	400	4,810	4,040	2,310	4,810	4,040
North Central								
Ohio.....	124,780	132,850	140,380	573,830	767,080	633,950	693,610	899,930
Indiana.....	7,070	9,200	10,100	23,630	32,060	28,380	33,700	41,290
Michigan.....	25,040	32,070	34,060	106,020	136,800	128,540	134,060	168,870
Minnesota.....	34,170	38,770	39,580	27,520	44,420	38,760	61,090	83,190
Wisconsin.....	33,150	33,520	32,200	1,150	1,100	800	1,150	1,100
Illinois.....	85,310	97,100	97,100	1,100	6,800	6,130	40,850	58,260
Iowa.....	85,310	97,100	97,100	1,100	6,800	6,130	40,850	58,260
Missouri.....	134,490	131,650	171,400	7,980	14,400	21,040	9,370	102,510
South Dakota.....	381,650	436,910	466,490	174,800	240,920	4,330	136,440	155,600
Nebraska.....	381,650	436,910	466,490	174,800	240,920	232,020	556,450	698,510
Kansas.....	2,080	2,760	2,760	6,830	4,560	4,220	9,510	7,310
South Atlantic								
Delaware.....	12,230	11,460	11,150	16,080	16,950	15,210	28,290	26,360
Maryland.....	24,720	24,100	23,870	6,840	7,770	6,100	33,400	38,870
Virginia.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
West Virginia.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
North Carolina.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
South Carolina.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
Georgia.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
Florida.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
South Atlantic.....	381,650	436,910	466,490	174,800	240,920	232,020	556,450	698,510
West								
Kentucky.....	2,080	2,760	2,760	6,830	4,560	4,220	9,510	7,310
Tennessee.....	12,230	11,460	11,150	16,080	16,950	15,210	28,290	26,360
Alabama.....	24,720	24,100	23,870	6,840	7,770	6,100	33,400	38,870
Mississippi.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350
Arkansas.....	13,010	14,300	15,100	18,580	18,050	22,600	32,190	32,350

Louisiana.....	29,260	37,240	39,160	2,700	3,680	3,300	31,960	40,320	42,460
Ohio.....	6,400	11,160	11,160	2,700	3,680	4,100	22,840	14,000	12,460
Texas.....	219,130	287,960	277,130	5,280	26,600	24,860	224,410	314,580	301,980
South Central.....	324,150	415,830	408,870	59,960	86,090	85,220	394,110	501,920	494,100
Montana.....	5,000	9,950	8,620	3,420	3,910	3,270	3,420	3,310	3,270
Idaho.....	4,200	4,150	4,150	2,090	3,970	4,370	7,090	13,920	12,990
Wyoming.....	4,200	4,150	4,150	860	13,760	770	860	58,000	60,770
Utah.....	4,200	4,150	4,150	860	13,760	770	860	58,000	60,770
New Mexico.....	41,830	42,590	44,270	10	22,840	22,610	19,950	27,470	27,500
Arizona.....	2,990	4,630	4,420	16,960	22,840	22,610	19,950	27,470	27,500
Nevada.....	560	470	420	7,910	29,810	32,390	26,400	53,140	54,320
Washington.....	18,490	23,330	21,930	6,510	29,890	27,180	15,070	41,070	39,460
Oregon.....	8,560	12,080	12,280	103,410	152,030	113,130	433,060	514,770	468,970
California.....	329,650	362,740	345,840	103,410	152,030	113,130	433,060	514,770	468,970
Western.....	449,980	503,290	489,830	151,460	256,960	215,070	601,440	760,720	704,900
United States.....	1,494,420	1,691,460	1,712,540	1,115,940	1,543,870	1,373,700	2,580,360	3,255,330	3,086,240

¹ Crops grown for market: Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cauliflours, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, kale, lettuce, onions, green peas, green peppers, spinach, tomatoes, and watermelons.

² Crops grown for canning or manufacture: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

³ Combined acreage of crops grown for market and for canning or manufacture.
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New York	4, 112	3, 195	6, 070	3, 007	3, 847	7, 311	8, 323	2, 759	7, 167	4, 397	18, 289	2, 319	2, 881	1, 582	14, 245	725	368	5, 890	3, 271
Norfolk	78	12	14	7	62	11	39	12	155	161	66	14	13	1, 082	14, 245	725	368	5, 890	3, 271
Oklahoma City	351	68	17	33	133	97	96	83	365	78	225	18	9	14	1, 134	39	77	162	34
Omaha	345	161	97	70	130	206	118	73	317	153	225	187	51	9	1, 216	72	73	123	160
Oregon	337	86	37	4	11	126	32	14	113	61	225	27	1	1	2, 054	21	65	1, 085	1, 085
Pennsylvania	1, 287	863	1, 237	703	1, 893	2, 035	891	891	3, 738	1, 693	5, 705	837	608	242	5, 235	218	1, 021	1, 287	1, 085
Pittsburgh	1, 477	863	1, 237	703	1, 893	2, 035	891	891	3, 738	1, 693	5, 705	837	608	242	5, 235	218	1, 021	1, 287	1, 085
Portland, Maine	467	20	57	22	10	28	45	99	394	147	485	87	40	11	859	64	72	24	69
Portland, Ore.	68	276	143	140	234	282	282	99	394	147	485	87	40	11	859	64	72	24	69
Providence	56	191	167	93	93	167	154	35	331	215	650	150	43	23	921	45	57	156	211
Richmond	123	66	24	15	85	76	160	70	70	219	103	170	16	6	367	35	80	101	214
Rochester	19	70	160	83	110	175	237	56	334	73	509	161	119	41	5, 624	161	124	643	747
St. Louis	717	1, 285	445	278	568	738	375	374	1, 464	946	1, 509	161	119	41	5, 624	161	124	643	747
St. Paul	337	96	83	79	178	263	184	69	244	23	344	163	123	48	687	90	43	70	135
Salt Lake City	337	96	83	79	178	263	184	69	244	23	344	163	123	48	687	90	43	70	135
San Antonio	302	28	1	5	132	20	153	102	371	97	142	51	10	21	880	47	43	132	132
San Francisco	148	154	279	168	238	320	118	383	313	799	918	111	146	5	2, 991	108	165	220	245
Seattle	113	19	3	8	22	42	118	36	169	2	2	2	2	2	1, 166	108	165	220	245
Shreveport	347	104	48	37	62	142	49	45	140	38	169	221	76	31	279	2	23	40	76
Spokane	9	13	82	14	30	68	88	33	135	43	214	34	4	4	216	25	87	31	145
Springfield, Mass.	46	80	52	19	88	141	225	31	186	66	407	63	29	9	452	23	59	187	141
St. Paul	140	13	11	15	51	33	133	22	133	80	423	1	18	2	551	36	57	10	24
Tampa	13	23	1	7	5	26	4	3	1	4	24	2	17	2	277	48	131	9	154
Terre Haute	13	23	1	7	5	26	4	3	1	4	24	2	17	2	277	48	131	9	154
Toledo	136	132	59	54	51	172	67	45	247	117	323	76	3	6	906	48	131	9	154
Washington	174	231	238	141	325	228	141	11	628	315	409	49	73	13	937	27	74	182	232
Worcester	8	6	6	8	21	21	40	1	1	19	24	2	2	1	793	9	19	19	63
Youngstown	40	63	68	8	39	109	246	24	147	118	201	32	14	6	793	9	19	19	63
Total	59, 912	23, 955	90, 359	19, 411	18, 238	62, 902	12, 164	38, 956	30, 364	55, 134	22, 288	13, 374	4, 001	138, 501	12, 706	13, 752	28, 248	27, 106	27, 106
1927	57, 913	28, 451	31, 389	20, 692	15, 288	57, 656	13, 199	40, 588	33, 319	49, 790	28, 090	13, 374	4, 829	137, 451	13, 201	14, 604	27, 244	26, 776	26, 776
1928	51, 415	29, 466	33, 311	20, 697	21, 739	49, 805	13, 349	43, 009	30, 360	72, 218	19, 294	13, 374	4, 171	142, 707	13, 047	14, 940	28, 642	31, 242	31, 242
1929	52, 466	27, 497	31, 031	21, 223	20, 977	54, 616	14, 126	44, 003	30, 412	83, 034	18, 021	13, 374	5, 390	147, 758	7, 859	13, 803	30, 850	34, 492	34, 492
1930	50, 940	28, 032	31, 217	18, 750	26, 891	37, 512	13, 570	40, 492	26, 560	73, 838	26, 577	13, 728	4, 153	140, 289	10, 463	12, 147	25, 828	32, 481	32, 481
1931	44, 993	21, 214	23, 677	17, 295	19, 259	38, 317	11, 857	38, 067	24, 046	68, 034	11, 097	11, 561	4, 579	116, 708	10, 015	10, 213	25, 103	21, 981	21, 981
1932	35, 948	19, 695	17, 641	16, 821	20, 377	26, 582	12, 089	35, 901	23, 835	71, 332	14, 318	8, 340	3, 698	124, 003	10, 885	8, 967	23, 174	21, 369	21, 369
1933	34, 665	23, 652	17, 470	16, 837	18, 479	27, 196	13, 630	37, 486	24, 164	71, 056	14, 653	9, 266	3, 406	132, 544	9, 031	8, 776	23, 519	21, 693	21, 693
1934	33, 285	19, 536	17, 938	16, 476	20, 869	27, 733	14, 192	41, 174	23, 754	72, 349	14, 593	9, 437	3, 760	122, 760	6, 424	8, 790	23, 908	20, 613	20, 613
1935	31, 127	18, 663	20, 698	17, 967	27, 470	29, 441	11, 737	41, 851	24, 422	67, 548	11, 354	8, 773	3, 930	126, 259	6, 943	8, 636	23, 761	21, 355	21, 355

Bureau of Agricultural Economics. Compiled from daily reports made by common carriers to Bureau representatives in the various markets. Unloads as shown in carlots include boat receipts reduced to car-lot equivalents but exclude motortruck and l. c. l. express and freight receipts.

¹ Includes Casaba, Honey Dew, Persian melons and mixed melons of these classes.

² Unloads of carrots at 66 markets not available prior to 1936.

³ Includes cantaloupes.

⁴ Includes tangerines and satsumas.

⁵ Includes fresh prunes.

TABLE 362.—*Fruits and vegetables: Motortruck receipts of 25 specific commodities and a miscellaneous group, as reported at seven markets, 1938*¹

Commodity	Boston ¹	New York ¹	Philadelphia ¹	Atlanta ¹	Kansas City ¹	Los Angeles ¹	San Francisco ¹
	<i>Equivalent carlots</i>	<i>Equivalent carlots</i>	<i>Equivalent carlots</i>	<i>Equivalent carlots</i>	<i>Equivalent carlots</i>	<i>Equivalent carlots</i>	<i>Equivalent carlots</i>
Apples.....	2,021	4,954	2,986	625	267	1,418	663
Beans (snap and lima).....	533	4,346	2,531	1,126	135	1,821	314
Cabbage.....	475	3,340	2,107	1,333	276	2,249	475
Cantaloups ¹	301	1,087	951	480	259	2,567	796
Carrots.....	814	950	653	24	34	2,731	808
Cauliflower.....	443	2,337	595	5	27	2,169	735
Celery.....	463	1,402	836	57	16	6,014	1,027
Cucumbers.....	445	1,218	732	90	29	903	93
Grapefruit.....	10	—	35	377	2	1,530	52
Grapes.....	61	130	139	4	12	1,788	299
Lemons.....	—	—	—	—	—	932	86
Lettuce.....	713	2,822	636	1	128	5,890	1,951
Onions.....	498	2,232	869	228	44	1,120	232
Oranges.....	—	7	41	1,169	1	4,880	545
Peaches.....	159	3,092	1,502	603	45	2,397	418
Pears.....	53	435	194	175	—	653	123
Peas, green.....	25	764	471	30	13	1,418	567
Plums and fresh prunes.....	4	127	35	—	—	391	75
Potatoes.....	1,013	0,733	6,511	568	407	4,574	447
Spinach.....	702	2,627	1,194	62	98	1,268	599
Strawberries.....	760	1,501	863	74	102	717	295
Sweetpotatoes.....	284	1,702	1,537	680	237	694	178
Tangerines.....	—	—	14	97	1	123	8
Tomatoes.....	818	3,187	2,155	954	303	5,294	973
Watermelons.....	92	276	738	1,546	211	1,012	153
Others.....	3,575	15,331	6,328	1,929	715	10,113	3,373
Total:							
1938.....	14,267	63,600	34,653	12,207	3,382	65,136	15,285
1937.....	15,047	54,387	31,466	9,808	2,953	55,895	14,074
1936.....	16,408	71,167	30,915	11,183	2,057	67,069	14,194
1935.....	14,974	65,259	—	8,728	2,669	53,726	14,038

¹ Preliminary.² The reported truck receipts as here shown are estimated to represent approximately the following percentages of total truck receipts in these cities: Atlanta, 97 percent; Boston, Philadelphia, and Los Angeles, each 95 percent; Kansas City and San Francisco, each 90 percent; New York, 75 percent. Reports for Philadelphia not available prior to 1936.³ Includes Casaba, Honey Ball, Honey Dew, and Persian melons.

Bureau of Agricultural Economics.

TABLE 363.—*Fruits and vegetables inspected at shipping points, under the Food Products Inspection Service, 1922-37*¹

Year beginning July	Quantity	Year beginning July	Quantity	Year beginning July	Quantity
	<i>Carlota</i>		<i>Carlota</i>		<i>Carlota</i>
1922.....	72,466	1923.....	229,199	1934.....	306,441
1923.....	130,959	1929.....	243,129	1935.....	339,419
1924.....	131,087	1930.....	311,805	1936.....	366,704
1925.....	165,544	1931.....	282,407	1937.....	450,065
1926.....	193,512	1932.....	216,792		
1927.....	210,832	1933.....	318,633		

¹ A large part of these inspections was under cooperative agreements between the Federal and State Governments. These inspections were mostly for grade, as defined in Federal standards, and were requested and paid by the shippers or other financially interested parties to facilitate commercial transactions. These inspections were optional with the applicants except when required by State laws or marketing agreements. From 1933 to 1937, relatively small quantities of motortruck or other less-than-carlot shipments were included, but probably did not amount to more than 2 percent of the total quantity inspected in any year. Inspections in 45 States are included; also small quantities in Puerto Rico beginning 1930, and in Hawaii beginning 1935. In addition, many cars also are inspected at terminal markets.

Bureau of Agricultural Economics.

TABLE 364.—Frozen fruits: Cold-storage holdings, United States, 1929-39¹

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	68,725	60,216	53,310	48,570	41,392	42,285	56,539	64,863	64,993	61,348	61,752	57,860
1930.....	54,942	48,085	41,723	38,554	32,535	35,854	44,795	73,360	81,734	81,178	80,049	76,737
1931.....	74,845	70,646	68,636	60,822	56,740	66,358	88,979	110,223	107,271	103,427	99,234	96,074
1932.....	92,305	88,819	82,282	76,162	72,194	69,068	80,323	92,717	91,808	87,302	83,579	79,651
1933.....	74,595	70,184	63,613	58,963	51,861	51,922	60,029	69,275	67,631	64,877	65,088	61,713
1934.....	59,926	55,434	49,164	46,180	39,963	53,512	63,614	76,056	71,536	71,134	70,316	67,712
1935.....	62,769	58,278	50,540	47,748	40,929	43,840	65,260	82,364	91,445	85,912	86,602	83,284
1936.....	81,145	75,463	68,253	63,696	54,869	57,096	72,113	86,400	81,017	77,258	79,272	75,254
1937.....	70,622	63,610	55,825	48,284	40,459	48,788	77,069	115,406	128,450	134,178	132,428	132,558
1938.....	124,666	118,642	110,828	101,959	95,068	90,307	125,372	152,921	151,403	147,581	143,948	138,330
1939.....	97,842	87,910	76,610	91,160	76,180	83,690	103,675	-----	-----	-----	-----	-----

¹ Includes fruits processed by both "cold-pack" and "quick-freeze" methods.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments.

TABLE 365.—Frozen fruits and frozen vegetables: Cold-storage holdings, 1938

FROZEN FRUITS¹

Commodity	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Blackberries.....	7,259	7,052	7,113	6,715	5,531	5,011	2,807	3,637	4,827	5,560	5,011	4,340
Cherries.....	22,666	21,117	15,883	16,560	15,503	13,941	12,120	90,762	27,881	28,541	27,927	27,927
Y Logan and Boyesen berries, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raspberries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strawberries.....	28,019	25,832	24,821	22,678	20,166	22,131	5,479	13,150	13,180	12,739	12,092	10,619
Other fruits.....	66,722	64,564	60,281	55,566	52,898	48,194	49,079	51,534	44,638	42,959	30,822	33,115
Total frozen fruits, 1938.....	124,666	119,642	110,828	101,959	95,098	90,307	125,372	152,921	151,403	147,381	143,848	133,330
Total frozen fruits, 1937.....	70,622	63,610	53,825	48,284	40,459	48,788	77,069	115,406	128,450	134,178	132,428	122,535

FROZEN VEGETABLES²

Asparagus.....	5,459	5,097	4,907	4,133	3,444	3,145	3,741	4,033	4,277	4,171	4,038	3,908
Beans, lima.....	1,950	1,843	1,780	1,734	1,628	1,623	2,402	3,453	9,676	14,875	14,368	13,920
Broccoli, green.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cauliflower.....	2,175	2,117	1,911	1,957	1,823	1,714	2,019	2,033	3,863	7,009	6,813	6,682
Peas, green.....	9,031	9,403	8,342	7,606	6,700	6,068	11,415	22,547	27,715	27,178	24,155	23,404
Spinach.....	2,388	2,342	2,187	2,012	1,925	1,797	2,586	2,309	2,157	1,898	2,054	3,570
Other vegetables.....	8,368	7,838	6,849	6,427	6,312	7,064	7,564	7,724	7,612	9,573	12,693	10,754
Total frozen vegetables, 1938.....	29,351	28,640	25,922	23,860	21,832	21,411	33,581	45,851	61,352	71,252	71,391	68,553
Total frozen vegetables, 1937.....	8,927	11,263	10,291	8,404	6,783	6,260	7,088	16,651	22,036	28,680	27,902	32,503

¹ Includes fruits processed by both "cold-pack" and "quick-freeze" methods.² Reports on frozen vegetables were not received prior to 1937.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments.

STATISTICS OF MISCELLANEOUS CROPS

TABLE 366.—*Beans, dry, edible: Acreage, production, value, and foreign trade, United States, 1919-33*¹

Year	Acreage harvested	Average yield per acre	Production	Season average price per 100 pounds received by farmers ²	Farm value ³	Whole-sale price per 100 pounds of pea beans. New York, year beginning September ⁴	Foreign trade, year beginning September ⁵	
							Imports	Domestic exports
	1,000 acres	Pounds	1,000 bags ⁶	Dollars	1,000 dollars	Dollars	1,000 bags ⁶	1,000 bags ⁶
1919	1,162	727.0	8,447					
1919	1,077	752.0	8,099	6.81	48,483	7.90	2,421	1,083
1920	913	661.8	6,042	4.31	24,710	5.09	284	801
1921	861	706.7	6,085	4.76	27,707	6.81	603	607
1922	1,129	699.8	7,901	5.82	42,983	7.68	1,360	393
1923	1,322	725.2	9,587	5.26	48,210	5.92	545	411
1924	1,584	574.4	9,099	5.64	47,960	6.42	863	294
1925	1,615	725.0	11,709	5.00	53,596	5.44	716	347
1926	1,740	633.6	11,024	4.99	48,420	5.88	796	334
1927	1,612	604.0	9,737	5.55	50,809	8.55	1,482	242
1928	1,651	640.5	10,574	7.33	74,056	10.26	784	171
1929 ⁷	1,746	699.4	12,212					
1929	1,840	667.3	12,278	6.77	70,376	7.87	1,459	170
1930	2,159	654.6	14,133	4.20	56,633	5.51	787	174
1931	1,947	663.3	12,914	2.13	25,890	2.99	115	87
1932	1,431	769.0	11,005	1.98	20,822	2.58	102	79
1933	1,729	738.6	12,771	2.78	33,517	3.31	150	69
1934 ⁸	1,458	755.9	11,218					
1934	1,460	780.3	11,393	3.52	37,966	3.73	389	55
1935	1,885	759.8	14,323	2.93	38,883	3.29	152	87
1936	1,594	715.5	11,405	5.38	55,860	7.32	587	26
1937	1,700	916.6	15,582	3.07	45,271	3.59	106	88
1938 ¹⁰	1,671	913.7	15,268	2.63	37,605			

¹ Table includes, besides the ordinary edible beans and limas, the blackeye of California and beans grown for seed. Soybeans not included.

² Price of cleaned beans.

³ Farm value of dry, edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than total production.

⁴ Compiled from New York Producers' Price Current.

⁵ Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States, 1919-38, and official records of the Bureau of Foreign and Domestic Commerce.

⁶ Bags of 100 pounds.

⁷ Includes lentils.

⁸ Acreage grown alone.

⁹ Imports for consumption, beginning this date.

¹⁰ Preliminary.

Bureau of Agricultural Economics.

Italic figures are census returns; census figures include all States; other figures, principal producing States only.

Estimates of acreage, yield, production, price to farmers, and farm value previous to 1919, as published in Yearbook for 1933 and earlier years, are not comparable with the revised series in this table.

TABLE 367.—*Beans, dry edible: Acreage, yield, production, and season average price per bag of 100 pounds received by farmers, by States, average 1927-36, annual 1937 and 1938*¹

State	Acreage harvested			Yield per acre			Production			Price for crop of ²	
	Average 1927-36	1937	1938 ³	Average 1927-36	1937	1938 ³	Average 1927-36	1937	1938 ³	1937	1938 ³
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	Dollars	Dollars
Maine.....	8	9	11	838	890	920	63	80	101	5.25	5.40
Vermont.....	3	3	3	609	650	630	20	20	19	5.35	5.20
New York.....	124	158	161	796	800	900	907	1,264	1,449	3.30	2.80
Michigan.....	577	461	466	653	940	950	3,734	4,353	4,567	2.55	1.95
Wisconsin.....	6	4	2	400	370	420	24	15	8	3.30	2.70
Minnesota.....	6	3	3	347	400	450	20	12	14	4.25	3.25
Nebraska.....	11	22	19	631	1,050	1,000	70	231	190	3.20	2.65
Montana.....	29	21	16	1,043	1,200	1,350	295	252	216	2.70	2.05
Idaho.....	117	135	108	1,214	1,360	1,450	1,404	1,836	1,566	2.45	1.80
Wyoming.....	31	59	48	1,021	1,100	980	325	649	470	2.75	2.15
Colorado.....	336	244	312	316	320	480	1,107	781	1,408	3.80	3.20
New Mexico.....	154	184	166	335	370	320	530	681	531	3.85	3.70
Arizona.....	8	9	11	466	500	580	38	45	64	4.50	4.05
Oregon.....	2	2	2	584	700	600	10	14	12	4.45	3.80
California.....	312	386	343	1,114	1,391	1,330	3,479	5,369	4,563	3.45	3.20
United States.....	1,731	1,700	1,671	699.3	916.6	913.7	12,053	15,582	15,268	3.07	2.63

¹ Table includes, besides the ordinary edible beans and limas, the blackeye of California and beans grown for seed. Soybeans not included.

² Prices apply to the production of cleaned beans.

³ Preliminary.

⁴ Bags of 100 pounds.

⁵ Short-time average.

Bureau of Agricultural Economics.

TABLE 368.—*Beans, dry, edible: Production by classes, 100-pound bags, United States, 1928-38*¹

Class	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Pea.....	3,353	3,346	3,141	3,856	5,403	4,391	4,396	5,003	2,699	4,471	4,676
Great Northern.....	1,387	1,747	2,011	1,956	992	1,440	1,084	1,441	1,470	2,162	1,671
Small White (California).....	424	415	489	429	226	417	402	351	502	1,024	540
White Marrow.....	103	135	180	201	101	128	139	154	125	129	152
White Kidney.....	29	42	41	111	58	80	142	109	43	104	65
Red Kidney.....	642	442	376	651	465	573	663	631	675	793	923
Small red.....	252	393	520	474	250	270	267	292	204	266	303
Cranberry.....	106	113	128	159	94	151	242	413	223	200	274
Pink.....	575	619	625	436	516	595	485	843	447	454	637
Yelloweye.....	95	100	81	137	78	105	174	146	100	149	155
Pinto.....	1,402	2,319	3,096	1,687	859	1,828	579	2,147	1,708	1,684	2,344
Blackeye (California).....	428	514	852	459	275	587	525	615	765	857	512
Lima (California).....	390	987	1,102	1,064	872	943	1,072	989	1,119	1,419	1,395
Baby Lima (California).....	401	456	696	663	322	630	708	536	576	1,142	864
Other and seed.....	452	620	795	631	494	624	615	653	549	728	737
Total.....	10,574	12,278	14,133	12,914	11,005	12,771	11,393	14,323	11,405	15,582	15,268

¹ Table includes, besides the ordinary edible beans and limas, the blackeye of California and beans grown for seed. Soybeans not included.

² Preliminary.

³ Includes Dark Red Kidney.

Bureau of Agricultural Economics.

TABLE 369.—*Beans, dry, edible: Production in specified countries, bags of 100 pounds, averages 1925-26 to 1934-35, annual 1933-34 to 1938-39*¹

Country	Average		1933-34	1934-35	1935-36	1936-37	1937-38	1938-39 ²
	1925-26 to 1929-30	1930-31 to 1934-35						
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Canada.....	763	670	534	488	697	526	777	934
United States.....	11,064	12,443	12,771	11,393	14,323	11,405	15,582	15,268
Mexico.....	3,740	2,910	4,097	2,729	2,667	2,348	.....	.....
England and Wales.....	3,226	2,737	2,643	2,598	2,076	2,081	1,852	.....
Netherlands.....	313	371	538	351	340	378	351	.....
France.....	2,405	2,806	2,299	2,280	2,403	2,993	2,724	2,687
Italy.....	2,871	3,548	3,411	4,175	3,020	4,094	4,118	3,081
Spain.....	3,277	3,468	3,427	3,522	3,386	.....	.....	.....
Germany.....	³ 308	231	237	184	153	152	143	115
Austria.....	220	226	232	168	189	198	244	.....
Czechoslovakia ⁴	276	254	145	599	369	643	668	.....
Hungary.....	1,025	1,448	1,588	1,389	759	1,290	1,411	1,682
Yugoslavia.....	1,793	2,980	2,570	3,487	2,530	2,943	3,416	1,984
Rumania.....	4,620	6,280	7,290	5,207	6,184	5,982	4,684	3,086
Bulgaria.....	888	1,532	1,666	1,182	1,470	1,897	1,537	243
Poland.....	792	845	764	731	907	867	813	903
Greece.....	146	269	327	282	318	343	357	.....
Japan ⁵	1,684	1,933	2,444	1,707	1,338	1,197	2,558	1,613
Chosen ⁶	106	79	84	58	74	.....	.....	.....
Brazil.....	13,809	15,855	14,638	18,034	17,229	17,646	17,189	.....
Chile.....	1,434	1,746	1,868	1,884	1,583	1,861	1,733	.....
Madagascar ⁷	276	374	487	498	478	.....	.....	.....
Egypt.....	6,767	7,066	7,165	6,035	6,454	6,596	.....	.....
Estimated world total, ex- cluding U. S. S. R.....	61,838	70,073	71,025	68,891	68,947	60,402	73,899	61,831

¹ Excluding soybean, mung, adzuki, broadbean, and horse beans, and similar classes not commonly used as edible beans in the United States.

² Preliminary.

³ 3-year average, 1927-29.

⁴ Grown alone through 1933-34; thereafter beans grown with other crops are included as follows: 1934-35, 332,891 bags; 1935-36, 260,921 bags; 1936-37, 474,747 bags; 1937-38, 517,045 bags.

⁵ Production in Hokkaido Province, where most of the dry edible bean varieties are grown.

⁶ Unofficial estimate.

⁷ Lima beans.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture, except as otherwise stated. Figures are for the harvesting seasons 1925 to 1938 in the Northern Hemisphere, and 1925-26 to 1938-39 in the Southern Hemisphere.

TABLE 370.—*Beans, dry, edible: Average price per 100 pounds received by farmers, United States, 1928-38*

Year beginning September	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	6.23	6.59	6.86	7.51	7.91	8.47	8.34	7.74	8.27	8.21	8.23	8.31	7.33
1929.....	8.00	7.65	7.13	6.52	6.33	6.16	6.10	5.97	6.36	6.20	5.96	5.97	6.77
1930.....	6.03	4.96	4.10	3.85	3.64	3.74	3.49	3.31	3.29	3.19	2.98	2.95	4.20
1931.....	2.58	2.33	2.55	2.42	2.29	2.06	1.90	1.87	1.80	1.73	1.72	2.02	2.13
1932.....	2.04	1.90	1.66	1.56	1.55	1.50	1.63	2.14	2.90	2.80	3.10	3.38	1.98
1933.....	3.29	2.64	2.85	2.64	2.70	2.82	2.75	2.61	2.61	2.74	2.79	3.19	2.78
1934.....	3.83	3.83	3.56	3.45	3.51	3.50	3.62	3.63	3.62	3.54	3.41	3.26	3.52
1935.....	3.08	2.89	2.67	2.44	2.61	2.85	2.86	3.00	3.02	2.96	3.76	4.33	2.93
1936.....	4.35	4.83	5.30	5.49	5.87	6.43	6.32	6.10	5.85	5.66	5.35	4.46	5.38
1937.....	3.52	3.37	2.77	2.88	3.02	2.97	2.92	2.84	2.93	3.00	3.30	2.94	3.07
1938.....	2.68	2.54	2.47	2.48	2.58	2.55	2.54	2.54	2.77	.....	.....	.....	1 2.63

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 535.

TABLE 371.—Beans, dry, edible: Average price per 100 pounds, 1928-38

PEA, CHOICE, NEW YORK¹

Year beginning September	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	10.75	8.90	9.38	10.00	10.42	11.29	11.05	10.55	10.68	10.42	9.56	10.16	10.26
1929.....	10.19	9.50	8.29	7.91	7.97	7.81	7.26	6.83	7.12	7.08	6.88	7.58	7.87
1930.....	8.31	6.58	5.73	5.54	5.52	5.35	5.11	4.97	5.01	4.74	4.56	4.71	5.51
1931.....	4.21	3.61	3.66	3.01	2.82	2.75	2.65	2.56	2.65	2.59	2.52	2.82	2.99
1932.....	2.67	2.25	2.01	1.88	1.84	1.82	2.10	2.67	3.15	2.89	3.68	4.00	2.58
1933.....	3.94	3.48	3.29	3.20	3.30	3.38	3.26	3.04	3.01	3.15	3.16	3.63	3.31
1934.....	4.31	4.08	3.68	3.39	3.61	3.64	3.77	3.77	3.68	3.64	3.66	3.49	3.73
1935.....	3.22	3.01	2.80	2.70	2.72	2.84	2.77	2.83	3.08	3.26	4.57	5.71	3.29
1936.....	5.08	6.53	7.23	7.25	7.74	8.75	8.28	8.08	7.83	7.55	7.05	5.87	7.32
1937.....	4.29	4.00	3.33	3.44	3.63	3.08	3.47	3.39	3.46	3.46	3.67	3.21	3.59
1938.....	3.12	2.90	2.72	2.66	2.75	2.75	2.78	2.78	2.78	2.78	2.78	2.78	2.78

CALIFORNIA LIMA, CHOICE, NEW YORK¹

1928.....	9.90	9.76	10.56	12.01	12.61	13.42	13.50	13.50	14.40	15.25	15.90	16.17	13.08
1929.....	16.76	14.59	13.27	12.95	12.28	12.07	12.71	12.67	12.45	12.01	11.95	13.02	
1930.....	12.05	9.90	8.74	7.37	7.58	7.94	7.56	7.50	7.40	6.55	5.98	6.29	7.90
1931.....	6.08	5.78	5.88	5.50	5.10	4.58	4.26	4.26	4.28	4.40	4.49	4.96	4.96
1932.....	5.41	5.41	4.86	4.63	4.55	4.52	4.55	5.01	6.29	6.41	6.64	7.00	5.44
1933.....	6.80	6.31	6.07	5.92	5.91	6.16	6.50	6.48	6.26	6.35	6.37	6.41	6.30
1934.....	6.93	6.84	6.65	6.50	6.58	6.50	6.45	6.27	6.27	6.16	6.02	5.94	6.43
1935.....	6.36	6.59	6.63	6.58	6.97	7.46	7.96	7.95	7.89	7.72	8.47	8.92	7.46
1936.....	8.39	7.87	8.23	8.25	8.33	8.48	8.28	8.27	8.12	8.00	7.84	7.40	8.12
1937.....	6.84	6.29	5.83	5.62	5.54	5.50	5.40	5.40	5.45	5.55	5.73	6.66	5.73
1938.....	5.42	5.34	5.31	5.27	5.25	5.14	5.15	5.15	5.15	5.15	5.15	5.15	5.15

GREAT NORTHERN U. S. No. 1, F. O. B. IDAHO POINTS

1931.....	2.05	1.94	2.14	1.71	1.61	1.46	1.36	1.34	1.45	1.54	1.50	1.83	1.66
1932.....	1.28	1.43	1.41	1.42	1.37	1.40	1.82	2.07	2.68	2.65	2.50	2.35	1.88
1933.....	2.75	2.47	2.64	2.46	2.60	2.61	2.43	2.10	2.30	2.60	2.82	3.26	2.59
1934.....	3.84	3.79	3.60	3.52	3.62	3.64	3.54	3.58	3.61	3.46	3.16	3.18	3.55
1935.....	2.79	2.69	2.63	2.82	2.70	2.92	3.22	3.51	3.49	3.62	4.14	4.70	3.24
1936.....	4.70	5.10	5.52	5.95	6.62	7.13	7.04	6.81	6.46	6.35	6.10	5.00	6.06
1937.....	3.63	2.91	2.57	2.66	2.76	2.69	2.62	2.66	2.78	2.85	3.02	2.76	2.83
1938.....	2.31	2.23	2.31	2.29	2.25	2.25	2.20	2.39	2.39	2.39	2.39	2.39	2.39

PINTO, CHOICE, RECLEANED, F. O. B. COLORADO POINTS

1931.....	1.97	2.07	2.43	2.10	1.90	1.78	1.71	1.64	1.64	1.57	1.54	2.01	1.86
1932.....	2.28	2.16	2.14	2.16	2.34	2.44	3.01	3.81	4.60	4.36	4.36	5.03	3.12
1933.....	3.82	3.22	3.36	3.22	3.36	3.32	3.30	3.12	3.27	3.54	4.73	5.26	3.63
1934.....	6.42	6.32	6.31	6.44	6.66	6.73	6.71	6.58	6.62	6.37	5.63	4.75	6.30
1935.....	3.85	3.26	2.80	2.77	3.24	3.26	3.09	2.98	2.79	2.83	3.70	3.84	3.20
1936.....	3.86	4.64	4.88	5.11	5.56	5.96	5.82	5.92	5.81	5.89	5.68	5.25	5.36
1937.....	4.38	4.41	3.82	4.12	4.38	4.13	4.36	4.44	5.12	5.71	5.76	4.78	4.62
1938.....	3.60	3.82	3.83	4.02	4.25	4.15	4.18	4.38	4.38	4.38	4.38	4.38	4.38

¹ Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

² Average for 1 week.

Bureau of Agricultural Economics. New York prices compiled from the New York Producers Price Current, daily; f. o. b. prices from Weekly Bean Market Review, issued by Bureau representative at San Francisco.

TABLE 372.—*Soybeans: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1924-38*

Year	Acreage grown alone for all purposes	Total acreage ¹	Acreage harvested for beans	Average yield per acre	Production	Price	Farm value
	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1924	1,567	1,782	448	11.0	4,947	2.47	12,236
1925	1,539	1,785	415	11.7	4,875	2.34	11,432
1926	1,871	2,127	466	11.2	5,239	2.00	10,461
1927	2,057	2,350	568	12.2	6,938	1.83	12,691
1928	2,154	2,439	579	13.6	7,880	1.90	14,953
1929	1,968				8,661		
1929	2,400	2,736	708	13.3	9,398	1.87	17,592
1930	3,010	3,387	1,008	13.4	13,471	1.32	17,790
1931	3,738	4,194	1,104	15.2	16,733	.48	8,024
1932	3,595	4,049	977	15.3	14,975	.56	8,362
1933	3,365	3,777	997	13.2	13,147	.99	12,951
1934	6,692				25,016		
1934	5,572	5,994	1,839	15.0	22,095	1.01	23,281
1935	6,640	7,111	2,697	16.5	44,378	.79	35,073
1936	5,811	6,646	2,132	14.1	29,983	1.28	38,403
1937	6,171	7,005	2,549	17.8	45,272	.85	38,448
1938 ²	6,858	7,789	2,898	19.9	57,665	.76	43,768

¹ Acres grown alone, plus approximately one-half the interplanted acres.² Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 373.—*Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Total acreage ¹			Acreage harvested for beans			Yield per acre			Production			Price for crop of—	
	Average	1937	1938 ²	Average	1937	1938 ²	Average	1937	1938 ²	Average	1937	1938 ²	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars
New York	4	5	6											
New Jersey	4	7	10											
Pennsylvania	19	42	49		6	6		16.0	17.5		96	105	1.35	1.10
Ohio	171	380	445	51	171	253	16.4	19.0	21.0	879	3,249	5,313	.82	.80
Indiana	506	812	828	171	341	431	15.2	17.0	19.5	2,671	5,797	8,404	.81	.75
Illinois	1,037	2,183	2,118	532	1,352	1,356	17.0	20.0	23.5	9,214	27,040	31,866	.81	.70
Michigan	22	44	77	7	16	35	11.7	14.0	16.0	82	224	590	.84	.80
Wisconsin	57	230	189	2	3	7	11.4	13.0	16.0	24	39	112	1.00	.90
Iowa	350	762	950	111	229	294	15.3	18.5	19.5	1,679	4,236	5,733	.82	.75
Missouri	408	214	329	97	54	58	7.8	9.6	10.5	766	513	609	1.11	1.00
Nebraska	14	4	7											
Kansas	33	26	39	7	4	6	8.0	8.0	10.5	56	32	63	.96	1.00
Delaware	26	35	41	16	22	25	13.5	16.0	16.0	209	352	400	.86	.80
Maryland	35	36	40	5	7	10	12.2	14.5	15.0	64	102	150	.90	.85
Virginia	122	128	126	20	24	21	12.2	13.5	12.5	243	324	262	1.04	.90
West Virginia	37	40	43	2	1	1	11.7	12.5	12.0	21	12	12	1.53	1.40
North Carolina	311	417	515	96	126	155	12.6	13.0	13.0	1,211	1,560	2,015	.99	.85
South Carolina	42	43	65	8	9	14	6.7	6.0	6.5	53	64	91	1.53	1.50
Georgia	68	101	120	8	12	13	5.8	6.2	6.0	49	74	78	2.08	2.00
Kentucky	116	106	136	8	8	14	9.8	11.5	12.0	82	92	168	1.15	1.00
Tennessee	203	233	263	18	30	32	7.4	7.5	8.0	134	225	256	1.25	1.15
Alabama	158	242	285	10	18	18	8.7	7.0	8.5	54	126	99	1.67	1.95
Mississippi	227	431	500	26	47	56	8.5	8.5	8.5	208	400	476	1.64	1.50
Arkansas	129	266	306	15	53	64	8.9	10.0	10.0	122	530	640	1.40	1.30
Louisiana	120	165	195	16	16	21	7.9	8.5	8.5	130	136	178	1.41	1.45
Oklahoma	16	20	14	4	3	3	9.0	9.5	8.5	41	28	26	1.55	1.50
Texas	10	35	42		2	3		7.0	8.0		14	15	1.64	1.60
United States	4,268	7,005	7,789	1,231	2,549	2,898	14.2	17.8	19.9	18,000	45,272	57,665	.85	.76

¹ Acres grown alone plus approximately one-half the interplanted acres.² Preliminary.³ Short-time average.

Bureau of Agricultural Economics.

134300-39-18

TABLE 374.—*Soybeans: Production in specified countries, 1924-38*

Crop year	United States	China ¹	Manchuria	Chosen	Japan	Netherland India ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1924.....	4,947	-----	112,055	18,723	15,367	3,831
1925.....	4,875	-----	126,092	23,609	17,106	4,038
1926.....	5,239	-----	107,740	22,276	14,213	3,608
1927.....	6,938	-----	163,319	24,300	15,467	3,961
1928.....	7,880	-----	177,804	19,510	14,110	4,303
1929.....	9,398	-----	178,372	20,434	12,585	3,917
1930.....	13,471	-----	196,949	22,989	14,381	4,692
1931.....	16,733	-----	210,038	192,057	11,777	4,722
1932.....	14,975	240,685	156,816	22,478	11,435	5,471
1933.....	13,147	267,175	169,056	23,324	13,307	6,669
1934.....	23,095	207,400	122,973	19,519	10,255	6,445
1935.....	44,378	184,413	141,793	22,401	10,719	7,448
1936.....	29,983	217,192	152,375	17,937	12,485	9,090
1937.....	45,272	⁴ 251,362	159,907	20,205	-----	9,880
1938.....	³ 57,665	-----	¹ 170,268	18,333	-----	⁴ 9,873

¹ Data prior to 1931 not available.² Native crops only.³ Preliminary.⁴ First estimate.⁵ Data for 1938 are reported as production minus seed for planting.

Bureau of Agricultural Economics. Compiled from official sources.

TABLE 375.—*Soybeans: Average price per bushel received by farmers, United States, 1928-38*

Year beginning October	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	1.72	1.69	1.70	1.82	1.93	2.13	2.19	2.30	2.41	2.46	2.15	1.87	1.90
1929.....	1.79	1.70	1.73	1.85	1.91	2.00	2.07	2.11	2.16	1.96	1.90	1.80	1.87
1930.....	1.64	1.48	1.44	1.46	1.40	1.42	1.38	1.39	1.29	1.12	.94	.82	1.32
1931.....	.58	.52	.61	.62	.59	.66	.65	.64	.61	.58	.58	.57	.48
1932.....	.55	.45	.44	.45	.45	.48	.58	.56	.98	1.04	.94	.85	.66
1933.....	.68	.69	.73	.81	1.01	1.16	1.26	1.25	1.45	1.54	1.25	1.05	.99
1934.....	.95	.89	1.11	1.19	1.26	1.20	1.18	1.21	1.19	.98	.73	.69	1.01
1935.....	.68	.69	.72	.76	.77	.78	.78	.83	.85	1.05	1.19	1.10	.79
1936.....	1.07	1.12	1.30	1.43	1.50	1.52	1.66	1.74	1.50	1.32	1.02	.90	1.28
1937.....	.86	.83	.83	.88	.93	.89	.85	.87	.86	.85	.75	.71	.85
1938.....	.64	.63	.67	.72	.69	.73	.78	.87	-----	-----	-----	-----	1.76

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; averages for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 534.

TABLE 376.—*Soybeans for seed: Average wholesale price per bushel at Baltimore and St. Louis, 1929-39*

Year	Baltimore						St. Louis					
	Jan.	Feb.	Mar.	Apr.	May	Average	Jan.	Feb.	Mar.	Apr.	May	Average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	2.25	2.35	2.40	2.40	2.70	2.42	2.55	2.55	2.60	2.75	2.85	2.66
1930.....	2.10	2.10	2.10	2.25	2.65	2.24	2.15	2.25	2.25	2.25	2.25	2.23
1931.....	2.25	2.25	2.25	2.25	2.25	2.25	1.80	1.80	1.80	1.80	1.95	1.83
1932.....	.90	.90	.90	.90	.85	.89	1.05	1.05	.90	.90	.80	.94
1933.....	.80	.80	.80	1.00	1.45	.97	.80	.80	.90	1.05	1.30	.97
1934.....	1.75	1.75	1.85	1.80	1.70	1.75	1.60	2.00	2.00	2.00	1.75	1.85
1935.....	1.55	1.55	1.55	1.45	1.45	1.50	1.85	1.85	1.85	1.85	1.75	1.85
1936.....	1.30	1.30	1.30	1.28	1.32	1.30	1.35	1.35	1.35	1.55	1.75	1.45
1937.....	2.15	2.25	2.30	2.40	2.60	2.35	2.85	2.85	2.85	2.90	2.95	2.90
1938.....	1.35	1.35	1.35	1.35	1.40	1.35	1.35	1.35	1.30	1.30	1.40	1.35
1939.....	1.00	1.00	1.10	1.25	1.30	1.15	1.00	1.00	1.00	1.10	1.20	1.05

Bureau of Agricultural Economics. Compiled from weekly reports to the Bureau from wholesale seedsmen in the markets. These prices are the average wholesale selling prices for high-quality seed to retail dealers in small quantities. Data for earlier years in 1929 Yearbook, table 242.

TABLE 377.—*Soybeans for crushing: Average price per bushel, U. S. No. 2 Yellow, bulk, carlots, net track Chicago, 1933-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1933.....	0.72	0.73	0.76	0.79	0.82	0.82	0.88	0.90	0.93	0.94	0.94	
1934.....	.86	.96	1.24	1.27	1.29	1.13	1.10	1.07	.95			0.72
1935.....	.79	.81	.87	.88	.85	.82	.83	.85	.91	1.22	1.42	1.27
1936.....	1.23	1.29	1.46	1.61	1.59	1.59	1.74	1.75	1.40	1.39	1.12	.98
1937.....	.98	.93	.95	1.00	1.04	.98	.92	.91	.88	.92	.86	.84
1938.....	.74	.74	.81	.84	.82	.87	.89					

Bureau of Agricultural Economics. Compiled from the Chicago Daily Trade Bulletin.

TABLE 378.—*Soybeans crushed and crude oil produced, 1928-38*

Year beginning October	Soybeans crushed ¹					Soybean oil produced				
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1928.....	191	353	163	176	883	1,506	3,046	1,277	1,456	7,285
1929.....	661	421	345	239	1,666	5,231	3,343	2,905	1,945	13,424
1930.....	726	1,080	1,289	974	4,069	6,194	9,107	10,996	8,391	34,688
1931.....	1,294	1,706	1,091	635	4,726	10,655	14,682	9,257	5,351	39,945
1932.....	1,211	1,050	811	397	3,469	10,155	8,667	6,834	3,422	29,078
1933.....	586	933	768	457	3,054	7,610	7,989	6,704	3,894	26,197
1934.....	2,006	2,662	2,239	2,198	9,105	16,779	22,679	19,582	19,083	78,123
1935.....	5,209	7,832	6,792	5,348	25,181	43,712	64,142	56,911	44,190	208,964
1936.....	6,768	6,780	4,352	2,719	20,619	60,045	60,543	38,789	24,334	183,711
1937.....	7,857	8,932	6,925	6,596	30,310	70,745	81,945	63,838	62,751	279,279
1938 ¹	12,526	13,169				114,809	121,289			

¹ The reported production of meal for years beginning 1932 has averaged 80 percent of the weight of soybeans crushed.² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the Census, Animal and Vegetable Fats and Oils.

TABLE 379.—*Soybean oil, domestic, crude: Average price per pound, in drums, New York, 1929-38 ¹*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	13.00	13.00	12.50	11.75	11.50	10.72	10.40	10.64	10.80	10.72	10.38	10.18	11.30
1930.....	9.30	8.50	8.30	7.38	7.50	7.50	7.45	7.30	7.30	7.30	7.20	6.55	7.63
1931.....	5.65	5.55	5.18	4.81	4.45	4.45	4.45	4.40	4.15	4.12	4.12	4.12	4.62
1932.....	4.40	4.25	4.20	4.35	4.50	4.72	4.90	6.30	7.05	8.20	9.05	8.20	5.84
1933.....	7.60	7.30	6.98	6.80	7.05	7.30	7.30	7.30	7.30	7.30	7.30	7.30	7.24
1934.....	7.30	7.55	8.70	9.30	9.55	10.60	10.30	10.54	10.26	9.42	8.90	9.45	9.34
1935.....	9.80	9.80	9.80	9.55	8.90	8.90	8.42	8.00	7.55	9.30	9.60	9.60	9.12
1936.....	9.40	9.60	10.70	11.50	11.50	11.50	11.30	10.42	10.30	9.42	9.05	10.52	
1937.....	7.97	7.75	7.07	7.30	7.75	7.90	7.40	7.21	7.15	7.36	7.31	6.75	7.41
1938.....	6.60	6.68	6.68										

¹ Prior to September 1933, reported in barrels.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter. Imported oil prices for earlier years in 1935 Yearbook, table 280.

TABLE 380.—Soybeans and soybean oil: International trade, averages 1925-34, annual 1936 and 1937

Country	Average 1925-29		Average, 1930-34		1936		1937 ¹	
	Exports	Imports	Exports ²	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
China ³	3,731,214	0	2,240,868	0	13,578	0	4,404	0
Manchuria ⁴		0	5,336,227	0	4,197,605	0	4,287,878	0
Total.....	3,731,214	0	7,577,095	0	4,211,183	0	4,292,282	0
PRINCIPAL IMPORTING COUNTRIES								
Germany.....	0	1,390,622	0	2,281,757	0	1,067,166	0	1,324,679
Japan.....	5,575	1,015,825	3,113	1,079,417	1,479	1,231,343	1,776	1,336,675
Denmark.....	0	394,965	0	505,478	0	538,374	0	541,528
United Kingdom.....	0	305,643	0	312,081	0	183,628	0	221,572
Sweden.....	0	166,799	0	105,887	0	300,833	8	257,981
Italy.....	42	97,395	2	42,442	9	8,668	0	18,881
Netherlands.....	1,192	58,510	486	115,901	125	211,723	18	219,867
United States ⁴	0	4,064	0	2,160	0	169	76,241	1,002
Canada.....	(⁵)	(⁵)	(⁵)	(⁵)	0	1,734	0	889
Total.....	6,809	3,433,823	3,601	4,445,123	1,613	3,543,638	78,043	3,923,074

SOYBEAN OIL

PRINCIPAL EXPORTING COUNTRIES								
China.....	244,893	0	102,049	0	1,457	0	465	0
Manchuria.....		0	225,411	0	147,956	0	154,788	0
Germany.....	51,225	30,004	53,761	12,500	53	4,468	203	8,356
Denmark.....	36,742	3,670	40,397	3,019	36,009	2,338	35,873	739
Japan.....	14,393	324	15,039	399	6,384	1,788	10,419	302
Sweden.....	12,917	10,182	3,910	18,897	14,751	8,366	10,960	6,628
Total.....	360,170	44,180	440,567	35,415	206,610	16,960	212,708	16,025
PRINCIPAL IMPORTING COUNTRIES								
Netherlands.....	40,024	109,176	26,224	65,089	22,254	25,489	30,170	42,445
United Kingdom.....	49,942	75,917	22,857	50,110	17,525	35,972	22,688	13,359
Italy.....	186	30,290	154	8,113	0	2,825	8	6,180
United States.....	4,528	10,545	3,154	4,033	3,954	7,187	5,748	29,752
Belgium.....	273	19,251	524	25,869	1,236	10,880	1,002	8,395
France.....	153	17,127	89	10,393	0	2,590	0	3,987
Morocco.....	0	0	0	12,051	0	13,566	0	7,612
Norway.....	57	8,846	9	11,868	0	10,138	0	7,683
Algeria.....	19	6,393	3	249	0	737	0	95
Austria.....	17	6,011	1	12,316	0	20,424	0	15,445
Canada.....	0	989	0	1,850	0	1,891	0	2,868
Russia ⁶	0	709	0	2,696	0	800	0	15
Total.....	95,199	304,109	53,017	204,637	44,969	132,499	59,616	137,836

¹ Preliminary.² These figures are for yellow soybeans, which variety constitutes fully 98 percent of the soybean exports according to Agricultural Commissioner Paul O. Nyhus.³ 3-year average.⁴ Imports for consumption.⁵ Domestic exports of soybeans are not separately reported in Foreign Commerce and Navigation of the United States; prior to 1937 if any, included with exports of "oilseeds." Soybeans inspected for export began in October 1931, there being for 1936, 115,179,300 pounds. (See previous Yearbooks for earlier figures.)⁶ Soybeans not separately shown prior to Apr. 1, 1934; formerly included with cake and meal.⁷ Does not include refined soybean oil which was not separately reported.⁸ 4-year average.⁹ International Yearbook of Agricultural Statistics.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 381.—*Soybean meal, 41-percent protein: Average price per ton at Chicago 1929-38*

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	58.30	54.20	53.05	51.80	48.25	48.20	50.15	50.70	48.75	46.00	47.50	47.50	50.39
1930.....	44.00	41.20	40.00	39.30	36.60	33.15	31.90	28.60	25.80	24.90	23.35	21.40	32.52
1931.....	18.60	23.85	23.00	20.45	18.75	18.00	19.90	19.95	20.20	20.05	22.60	23.70	20.83
1932.....	22.75	21.70	21.70	21.70	21.70	22.60	23.70	28.30	28.85	39.20	39.00	34.85	27.17
1933.....	31.70	30.18	30.50	30.60	31.50	32.50	33.25	33.60	34.50	34.50	37.75	39.50	33.34
1934.....	39.50	38.85	41.20	40.70	38.45	37.10	33.50	33.30	31.70	29.05	24.00	22.85	34.12
1935.....	25.00	24.40	25.50	25.15	23.90	22.50	23.50	24.50	25.10	35.90	44.30	39.70	28.66
1936.....	36.90	39.15	43.00	44.10	41.50	41.10	47.50	48.35	39.20	37.30	34.90	34.90	40.61
1937.....	28.80	29.50	28.80	30.00	29.60	28.10	26.00	26.30	25.30	26.95	26.15	26.95	27.70
1938.....	24.60	24.40	26.20	26.30	24.70	24.45	24.70	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports made directly to the Bureau by its representatives in the market beginning with October 1931. Prior to that date prices are from Feedstuffs. Prices are simple averages of 1 day's quotation each week, carlot basis.

TABLE 382.—*Coupeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1924-38*

Year	Acreage grown alone for all purposes	Total acreage ¹	Acreage harvested for peas	Average yield per acre	Produc- tion	Price	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1924.....	1,680	2,437	633	6.3	3,977	3.24	12,892
1925.....	1,290	1,913	581	6.9	4,015	3.22	12,908
1926.....	1,585	2,251	678	6.8	4,583	2.08	9,552
1927.....	2,237	3,095	817	7.5	6,105	1.98	12,088
1928.....	1,694	2,498	598	6.9	4,124	2.64	10,891
1929.....	776	-----	-----	-----	5,274	-----	-----
1929.....	1,199	1,799	541	6.7	3,639	2.64	9,567
1930.....	1,351	2,045	645	6.3	4,040	1.96	7,912
1931.....	2,087	3,086	1,085	7.3	7,921	.87	6,884
1932.....	3,013	4,299	1,128	6.4	7,235	.81	5,331
1933.....	2,462	3,578	1,027	6.6	6,790	1.32	8,980
1934.....	2,711	-----	-----	-----	6,168	-----	-----
1934.....	2,694	3,958	1,060	5.8	6,147	1.48	9,070
1935.....	2,319	3,490	1,033	6.7	6,071	1.56	10,850
1936.....	3,176	4,996	1,279	6.0	7,720	1.72	13,242
1937.....	3,394	5,418	1,418	6.3	8,988	1.46	13,139
1938 ¹	3,057	4,932	1,362	6.2	8,474	1.44	12,244

¹ Acres grown alone, plus approximately one-half the interplanted acres.

² Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 383.—*Coupeas: Average price per bushel received by farmers, United States, 1928-38*

Year beginning September	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Crop year average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	1.82	1.83	1.83	2.02	2.15	2.45	2.63	2.88	3.05	3.24	3.19	2.99	2.64
1929.....	2.49	2.30	2.22	2.28	2.40	2.59	2.73	2.85	2.93	3.00	2.93	2.66	2.64
1930.....	2.41	2.20	2.05	1.86	1.80	1.75	1.82	1.87	1.93	1.96	1.89	1.63	1.96
1931.....	1.27	.98	.93	.93	.92	.86	.88	.82	.76	.72	.67	.70	.87
1932.....	.67	.70	.63	.60	.60	.60	.63	.69	.89	1.02	1.21	1.30	.81
1933.....	1.06	.94	.87	.92	1.03	1.26	1.45	1.61	1.63	1.60	1.57	1.42	1.32
1934.....	1.32	1.26	1.25	1.30	1.37	1.47	1.53	1.54	1.57	1.63	1.60	1.42	1.48
1935.....	1.25	1.13	1.15	1.15	1.22	1.29	1.35	1.54	1.80	1.96	2.07	1.88	1.56
1936.....	1.52	1.37	1.33	1.38	1.51	1.69	1.83	1.96	1.98	1.97	1.83	1.65	1.72
1937.....	1.37	1.18	1.13	1.18	1.29	1.34	1.43	1.51	1.59	1.69	1.68	1.48	1.46
1938.....	1.27	1.18	1.17	1.24	1.30	1.37	1.43	1.49	1.57	-----	-----	-----	1.44

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by State, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 534.

TABLE 384.—*Cowpeas: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Total acreage ¹			Acreage har-vested for peas			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bush- els	1,000 bush- els	1,000 bush- els	Dol- lars	Dol- lars
New Jersey.....	1	2	2											
Pennsylvania.....	1	1	1											
Ohio.....	3	2	3											
Illinois.....	43	20	19	5	4	8	8.5	9.0	10.0	79	35	80	1.24	1.10
Missouri.....	204	125	145	58	46	87	7.8	8.0	8.5	455	368	740	1.42	1.35
Kansas.....	99	60	70	15	12	8	7.0	8.0	8.3	110	96	66	1.60	1.40
Delaware.....	5	6	6	1	1	1	6.5	7.5	9.0	7	8	9	1.33	1.45
Maryland.....	3	2	2	1	1	1	11.2	12.0	13.0	10	12	13	1.16	1.05
Virginia.....	8	11	10	1	1	1	7.5	10.0	9.0	9	10	9	1.11	.90
West Virginia.....	99	116	80	10	11	7	8.9	10.5	9.0	88	116	63	1.53	1.35
North Carolina.....	212	358	316	43	66	63	7.9	7.5	7.0	338	495	441	1.59	1.65
South Carolina.....	546	841	767	153	227	215	5.9	5.5	5.0	905	1,248	1,075	1.42	1.60
Georgia.....	393	667	605	134	169	163	6.0	6.0	5.5	802	1,014	896	1.47	1.55
Florida.....	37	39	38	9	10	11	8.7	9.5	8.0	80	95	88	1.94	1.70
Kentucky.....	76	78	58	8	8	6	8.7	8.6	8.0	71	68	48	1.41	1.30
Tennessee.....	211	250	194	31	35	29	5.4	5.5	5.5	166	192	160	1.35	1.40
Alabama.....	228	387	414	122	204	224	5.9	6.0	5.5	706	1,764	1,232	1.47	1.45
Mississippi.....	226	473	476	88	151	167	5.8	6.0	6.0	505	906	1,002	1.48	1.50
Arkansas.....	355	574	568	71	115	108	7.1	7.0	7.5	498	805	810	1.35	1.30
Louisiana.....	139	233	243	33	58	66	8.2	6.8	7.0	282	394	462	1.67	1.40
Oklahoma.....	84	146	125	24	31	28	6.8	6.5	6.5	167	202	182	1.74	1.70
Texas.....	310	825	848	110	178	169	7.4	6.5	6.5	805	1,157	1,098	1.37	1.35
United States.....	3,284	5,418	4,992	921	1,418	1,362	6.6	6.3	6.2	6,069	9,936	8,474	1.46	1.44

¹ Acres grown alone, plus approximately one-half the interplanted acres.² Preliminary.³ Short-time average.

Bureau of Agricultural Economics.

TABLE 385.—*Cowpeas for seed: Average wholesale price per bushel at Baltimore and St. Louis, 1929-39*

Year	Baltimore						St. Louis					
	Jan.	Feb.	Mar.	Apr.	May	Aver- age	Jan.	Feb.	Mar.	Apr.	May	Aver- age
1929.....	Dol. 2.85	Dol. 3.30	Dol. 3.75	Dol. 3.75	Dol. 3.75	Dol. 3.48	Dol. 3.50	Dol. 3.60	Dol. 3.60	Dol. 3.70	Dol. 3.75	Dol. 3.63
1930.....	3.30	3.30	3.30	3.30	3.30	3.30	3.15	3.15	3.15	3.10	3.00	3.11
1931.....	3.00	2.90	2.50	2.50	2.55	2.69	2.40	2.40	2.40	2.40	2.55	2.43
1932.....	1.05	1.10	1.10	1.10	1.00	1.07	1.20	1.20	1.10	1.05	1.05	1.12
1933.....	.80	.80	.80	1.00	1.40	.96	.85	.85	.90	1.00	1.40	1.00
1934.....	2.25	2.25	2.25	2.20	2.00	2.20	2.00	2.00	2.00	2.00	1.75	1.95
1935.....	2.50	2.50	2.50	2.50	2.45	2.50	2.50	2.50	2.40	2.30	2.30	2.40
1936.....		1.91	2.14	2.45	2.70	2.30	2.00	2.20	2.25	2.75	3.25	2.50
1937.....	2.70	3.10	3.05	3.00	3.00	3.00	3.25	3.25	3.10	2.95	2.95	3.10
1938.....	1.95	2.05	2.20	2.35	2.45	2.20	1.90	1.95	2.00	2.35	2.20	2.10
1939.....	2.20	2.50	2.50	2.45	2.45	2.40	2.10	2.10	2.10	2.05	2.05	2.10

Bureau of Agricultural Economics. Compiled from weekly reports to the Bureau from wholesale seedsmen in the markets. These prices are the average wholesale selling prices for high-quality seed to retail dealers in small quantities. Data for earlier years in 1928 Yearbook, table 246.

TABLE 386.—*Velvetbeans: Acreage, yield, production, Dec. 1 price per ton received by farmers, and value, United States, 1924-38*¹

Year	Acreage grown alone for all purposes	Total acreage	Average yield per acre	Production	Price	Farm value
	1,000 acres	1,000 acres	Pounds	1,000 short tons	Dollars	1,000 dollars
1924.....	99	1,605	738.9	593	15.17	8,996
1925.....	88	1,539	921.4	709	14.94	10,596
1926.....	60	1,291	827.3	534	15.63	8,349
1927.....	59	1,418	918.2	651	14.35	9,343
1928.....	56	1,338	907.3	607	13.59	8,247
1929.....	91	1,421	881.1	626	13.98	8,749
1930.....	90	1,372	860.3	549	13.80	7,575
1931.....	65	1,252	718.8	450	9.85	4,434
1932.....	104	1,687	832.2	702	4.79	3,362
1933.....	98	1,794	819.4	735	8.70	6,393
1934.....	100	2,075	796.1	826	12.66	10,461
1935.....	116	2,132	892.1	951	11.14	10,593
1936.....	158	2,382	811.1	966	13.49	13,032
1937.....	120	2,179	880.2	959	11.57	11,380
1938 ¹	129	2,372	814.5	966	12.33	11,906

¹ The figures refer to the yield and entire production of velvetbeans in the hull whether grazed or harvested otherwise.¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 387.—*Velvetbeans: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1927-36, annual 1937 and 1938*¹

State	Total acreage			Yield per acre			Production			Dec. 1 price	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Short tons	Short tons	Short tons	Dollars	Dollars
South Carolina.....	78	80	137	967	1,100	1,000	38	44	68	13.50	14.00
Georgia.....	920	1,147	1,309	837	950	850	385	545	556	11.00	11.60
Florida.....	174	204	209	725	600	580	62	61	61	11.00	11.60
Alabama.....	406	381	567	816	820	775	166	238	220	12.00	12.30
Mississippi.....	63	99	86	1,090	940	940	34	47	40	17.70	17.80
Louisiana.....	46	68	64	880	720	650	20	24	21	18.00	18.00
United States.....	1,687	2,179	2,372	837.7	880.2	814.5	706	959	966	11.87	12.33

¹ The figures refer to the yield and entire production of velvetbeans in the hull whether grazed or harvested otherwise.¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 388.—*Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1919-38*

Year	Acreage harvested	Average yield per acre	Production	Price ¹	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price ¹	Farm value
	1,000 acres	Pounds	Short tons	Dollars	1,000 dol.		1,000 acres	Pounds	Short tons	Dollars	1,000 dol.
1919.....	328	331.6	65,500	.....	.....	1929.....	310	304.5	47,300	114.52	5,417
1919.....	327	333.4	54,000	155.00	8,463	1930.....	362	260.8	51,100	66.26	3,386
1920.....	266	283.9	37,800	127.54	4,821	1931.....	314	313.7	49,300	44.81	2,209
1921.....	222	352.8	39,200	71.63	2,808	1932.....	313	261.8	40,900	37.04	1,515
1922.....	275	278.1	38,200	219.27	8,376	1933.....	277	216.5	30,000	102.00	3,060
1923.....	536	303.2	81,400	160.17	13,038	1934.....	305	188.9	28,700	164.43	4,719
1924.....	429	359.0	77,000	96.10	7,400	1935.....	407	247.0	61,300	73.92	4,531
1925.....	222	279.4	31,000	142.94	4,451	1936.....	344	221.3	38,000	116.95	4,444
1926.....	316	343.3	54,200	79.24	4,295	1937.....	302	301.2	45,500	70.26	3,197
1927.....	231	346.6	40,100	102.97	4,129	1938 ¹	203	278.9	36,700	61.96	2,274
1928.....	291	362.1	52,600	97.36	5,121						

¹ From 1919 to 1924, Nov. 15 price; 1925 and 1926, Dec. 1 price.¹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 389.—*Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average	1937	1938 ¹	Average	1937	1938 ¹	Average	1937	1938 ¹	1937	1938 ¹
	1927-36			1927-36			1927-36				
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	Short tons	Short tons	Short tons	Dol.	Dol.
Illinois.....	34	44	38	475	610	450	8,080	13,400	8,600	84	81
Kansas.....	39	21	22	239	130	180	4,810	1,400	2,000	53	46
Oklahoma.....	140	120	61	251	300	275	17,170	18,000	12,500	70	68
Texas.....	20	34	29	289	272	300	2,970	4,600	4,400	64	56
Colorado.....	52	32	32	226	130	190	5,940	2,100	3,000	54	43
New Mexico.....	41	61	51	235	235	245	4,530	6,000	6,200	55	42
United States.....	327	302	263	272.3	301.2	278.9	43,930	45,500	36,700	70.26	61.96

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 390.—*Hay: Acreage, yield, production, Dec. 1 price per ton received by farmers, and foreign trade, United States, 1866-1938*

Year	Tame hay				Wild hay				All hay	
	Acreage harvested	Average yield per acre	Production	Price	Acreage harvested	Average yield per acre	Production	Price	Foreign trade, year beginning July ¹	
	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 short tons	1,000 short tons
1866.....	18,250	1.17	21,298	14.48	.....	.....	.....	.....	6	.....
1867.....	18,641	1.25	23,209	14.3	.....	.....	.....	.....	6	.....
1868.....	19,568	1.19	23,198	13.0	.....	.....	.....	.....	0	.....
1869.....	19,310	1.27	24,503	12.76	.....	.....	.....	.....	8	.....
1870.....	19,719	1.08	21,308	14.45	.....	.....	.....	.....	5	.....
1871.....	20,270	1.10	22,215	16.57	.....	.....	.....	.....	6	.....
1872.....	21,081	1.13	23,868	15.5	.....	.....	.....	.....	5	.....
1873.....	21,597	1.11	23,903	14.40	.....	.....	.....	.....	5	.....
1874.....	21,861	1.12	24,537	13.85	.....	.....	.....	.....	8	.....
1875.....	22,662	1.13	25,522	12.75	.....	.....	.....	.....	8	.....
1876.....	3,986	1.20	28,796	9.80	.....	.....	.....	.....	8	.....
1877.....	24,749	1.23	30,454	8.72	.....	.....	.....	.....	11	21
1878.....	25,627	1.30	33,275	7.32	.....	.....	.....	.....	9	12
1879.....	26,641	1.15	30,618	9.63	.....	.....	.....	.....	15	74
1880.....	27,011	1.20	32,522	11.82	.....	.....	.....	.....	14	195
1881.....	28,619	1.24	35,490	12.25	.....	.....	.....	.....	12	96
1882.....	30,373	1.30	39,471	9.99	.....	.....	.....	.....	15	109
1883.....	32,077	1.37	43,910	8.77	.....	.....	.....	.....	19	133
1884.....	33,448	1.29	43,066	8.99	.....	.....	.....	.....	12	180
1885.....	34,507	1.24	42,960	10.07	.....	.....	.....	.....	15	163
1886.....	35,771	1.25	44,876	8.72	.....	.....	.....	.....	16	88
1887.....	36,490	1.14	41,559	10.09	.....	.....	.....	.....	20	112
1888.....	37,411	1.26	47,177	9.24	.....	.....	.....	.....	25	118
1889.....	38,867	1.29	50,312	7.74	.....	.....	.....	.....	41	139
1890.....	39,613	1.28	50,548	8.11	.....	.....	.....	.....	31	65
1891.....	40,350	1.27	51,139	8.65	.....	.....	.....	.....	39	89
1892.....	41,328	1.28	52,746	8.78	.....	.....	.....	.....	37	117
1893.....	42,083	1.7	53,451	9.48	.....	.....	.....	.....	61	97
1894.....	41,864	1.14	47,781	8.08	.....	.....	.....	.....	53	226
1895.....	41,153	.98	40,481	9.63	.....	.....	.....	.....	66	339
1896.....	40,971	1.24	50,626	7.60	.....	.....	.....	.....	69	134
1897.....	42,306	1.32	55,826	7.21	.....	.....	.....	.....	92	4
1898.....	43,083	1.40	60,416	.52	.....	.....	.....	.....	73	22
1899.....	43,187	1.25	55,828	.....	.....	.....	.....	.....	.....	.....
1899.....	43,395	1.24	53,975	8.20	.....	.....	.....	.....	81	161
1900.....	42,488	1.17	49,843	9.78	.....	.....	.....	.....	100	160
1901.....	43,555	1.22	53,98	9.88	.....	.....	.....	.....	172	54
1902.....	44,716	1.32	59,098	9.05	.....	.....	.....	.....	57	323
1903.....	46,650	1.36	63,647	9.18	.....	.....	.....	.....	68	128

See footnotes at end of table.

TABLE 390.—Hay: Acreage, yield, production, Dec. 1 price per ton received by farmers, and foreign trade, United States, 1866-1938—Continued

Year	Tame hay				Wild hay				All hay	
	Acreage harvested	Average yield per acre	Production	Price	Acreage harvested	Average yield per acre	Production	Price	Foreign trade, year beginning July 1	
									Domestic exports	Imports
	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 short tons	1,000 short tons
1904.....	47,480	1.38	65,552	8.82	.....	.....	.....	.....	75	52
1905.....	48,333	1.38	66,563	8.49	.....	.....	.....	.....	79	77
1906.....	48,650	1.24	60,391	10.40	.....	.....	.....	.....	66	68
1907.....	49,833	1.33	66,271	11.60	.....	.....	.....	.....	87	11
1908.....	51,487	1.39	71,642	9.08	.....	.....	.....	.....	72	8
1909.....	51,041	1.55	68,838	.....	.....	.....	.....	.....	.....	.....
1909.....	51,519	1.34	68,816	10.50	17,184	1.07	18,257	.....	62	108
1910.....	51,220	1.23	62,886	12.16	17,112	.72	12,298	.....	62	377
1911.....	49,031	1.06	52,079	14.41	16,854	.74	12,495	.....	67	783
1912.....	50,041	1.38	69,103	11.68	17,354	.98	16,963	.....	68	175
1913.....	50,117	1.24	62,300	12.36	16,756	.88	14,722	.....	56	191
1914.....	50,278	1.31	65,820	11.11	17,059	.98	16,785	7.49	118	23
1915.....	52,061	1.41	73,275	10.65	17,457	1.04	18,161	6.81	200	48
1916.....	55,457	1.46	81,184	11.18	17,461	1.00	17,449	7.93	96	65
1917.....	54,019	1.32	71,105	17.08	16,968	.82	13,919	13.43	34	460
1918.....	55,010	1.25	68,545	20.07	16,899	.81	13,743	15.22	32	311
1919.....	56,653	1.84	74,784	17.18 ¹	.91	16,631	.....	.....	.....	.....
1919.....	56,020	1.37	76,589	20.15	17,136	.93	15,898	16.52	67	252
1920.....	56,769	1.34	76,164	17.78	16,264	.95	15,504	11.39	55	12
1921.....	57,448	1.24	71,035	12.09	15,622	.88	13,786	6.57	61	5
1922.....	59,280	1.36	80,790	12.55	16,152	.89	14,362	7.32	53	35
1923.....	57,717	1.30	75,286	14.10	15,828	.89	14,132	8.18	24	403
1924.....	58,073	.....	.....	16,063	.....	.....	.....	.....	.....	.....
1924.....	59,293	1.33	78,34	13.82	15,166	.83	12,520	7.92	25	119
1925.....	55,444	1.21	67,334	13.99	14,661	.78	11,498	8.56	18	431
1926.....	55,461	1.21	67,142	14.11	13,334	.67	8,883	10.05	15	209
1927.....	57,604	1.45	83,341	11.32	14,527	1.02	14,810	6.57	17	84
1928.....	54,013	1.34	72,196	12.25	13,172	.88	11,646	7.25	14	40
1929.....	54,311	1.57	74,315	.....	13,517	.81	10,968	.....	.....	.....
1929.....	55,728	1.37	76,106	12.22	13,571	.82	11,175	8.04	9	60
1930.....	54,051	1.18	64,040	12.65	13,789	.78	10,694	7.09	7	121
1931.....	55,968	1.19	66,361	9.04	11,862	.69	8,162	6.17	3	20
1932.....	56,004	1.28	71,827	6.70	14,048	.85	11,920	3.99	2	9
1933.....	55,829	1.19	66,530	8.20	12,053	.70	8,412	5.17	2	2
1934.....	56,017	.99	55,270	14.02	8,623	.55	4,729	11.48	3	88
1935.....	55,647	1.40	78,138	7.80	12,399	.92	11,388	4.64	2	5
1936.....	57,289	1.11	63,536	11.39	10,579	.65	6,850	7.77	3	204
1937.....	54,620	1.34	73,449	9.12	11,444	.80	9,168	5.65	111	23
1938 ⁴	56,309	1.43	80,299	7.15	11,774	.89	10,444	4.23	.....	.....

¹ Compiled from Commerce and Navigation of the United States, 1866-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues 1919-26; January and June issues 1927-38, and official records of the Bureau of Foreign and Domestic Commerce.

² Reported in value only prior this date.

³ Imports for consumption beginning 1913-34.

⁴ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 391.—Hay, tame, by kinds: Acreage and production, United States, 1919-38

Year	ACREAGE HARVESTED								
	Alfalfa	Clover and timothy	Sweet-clover	Lespedeza	Soy-bean, cowpea, and peanut vine hay	Grains cut green for hay	Miscellaneous tame hay	All tame	Sorgo for forage and hay ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1919.....	8,647	33,340	-----	-----	2,332	5,183	6,618	56,020	2,150
1920.....	9,015	34,302	-----	-----	2,390	4,400	6,653	56,769	2,358
1921.....	9,165	34,444	-----	-----	2,626	4,360	6,853	57,448	2,049
1922.....	9,275	36,530	-----	-----	2,833	3,642	7,000	59,280	2,110
1923.....	9,764	34,299	-----	-----	3,021	3,250	7,383	57,717	2,275
1924.....	10,352	34,038	720	327	3,641	3,161	7,054	59,293	1,634
1925.....	10,358	31,677	728	253	3,123	3,109	6,166	55,444	1,651
1926.....	10,721	29,970	713	310	3,565	3,863	6,319	55,461	1,064
1927.....	11,277	31,563	821	338	4,419	3,054	6,132	57,604	2,014
1928.....	11,123	28,519	879	325	4,258	2,842	6,067	54,013	1,894
1929.....	11,529	29,935	954	349	3,924	3,254	5,783	55,728	1,588
1930.....	11,627	27,131	853	431	4,147	3,971	5,891	54,051	1,606
1931.....	11,718	25,100	810	564	5,605	5,975	6,196	55,968	2,172
1932.....	12,601	23,677	834	851	6,731	4,829	6,481	56,004	2,409
1933.....	12,676	23,450	720	1,115	5,796	5,442	6,600	55,829	3,217
1934.....	11,627	20,146	719	1,701	8,027	6,718	7,079	56,017	3,296
1935.....	13,649	20,300	649	2,030	7,561	4,548	6,910	55,647	3,498
1936.....	14,146	22,043	1,102	1,578	6,875	5,614	5,931	57,289	2,545
1937.....	13,725	19,476	648	2,185	7,211	4,496	6,879	54,620	3,008
1938 ²	13,462	21,320	858	2,428	7,369	3,625	7,247	56,309	4,889

Year	PRODUCTION								
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1919.....	19,380	42,734	-----	-----	2,078	5,362	7,035	76,589	4,294
1920.....	20,458	41,319	-----	-----	2,149	5,150	7,088	76,164	5,170
1921.....	20,071	36,101	-----	-----	2,235	5,441	7,187	71,035	3,970
1922.....	20,110	46,253	-----	-----	2,604	4,252	7,571	80,790	3,540
1923.....	21,630	38,522	-----	-----	2,738	4,159	8,237	75,286	4,060
1924.....	20,828	43,582	886	285	2,869	3,301	7,183	78,934	3,068
1925.....	21,821	32,646	874	206	2,298	3,911	5,578	67,334	2,843
1926.....	21,529	31,166	765	334	3,294	3,987	6,067	67,142	2,823
1927.....	25,454	41,879	1,163	400	4,047	3,830	6,568	83,341	4,291
1928.....	23,882	33,251	1,202	380	3,862	3,442	6,177	72,196	3,667
1929.....	23,767	38,215	1,104	380	3,389	3,535	5,695	76,105	2,650
1930.....	22,889	27,437	596	325	3,122	4,211	5,160	64,040	2,327
1931.....	21,207	27,680	837	613	5,498	4,921	5,805	66,561	3,380
1932.....	25,954	26,186	967	882	6,177	5,254	6,407	71,827	3,591
1933.....	24,083	24,512	740	1,237	5,182	4,671	6,105	66,530	4,625
1934.....	18,822	16,516	603	1,577	6,963	4,864	5,925	55,270	3,432
1935.....	28,523	26,308	840	2,032	7,788	5,153	7,494	78,138	5,058
1936.....	24,881	21,349	1,037	1,178	5,430	4,498	5,163	63,536	2,898
1937.....	26,944	24,317	777	2,252	7,454	4,509	7,216	73,449	4,426
1938 ²	28,858	27,754	1,057	2,758	7,702	4,210	7,960	80,299	8,046

¹ Not included in all tame hay.² Includes sweetclover and lespedeza.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 392.—*Tame hay: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1927-36, annual 1937 and 1938*

State and division	Acreage harvested			Yield per acre			Production			Dec. 1 price	
	Aver- age 1927-36	1937	1938 ¹	Aver- age 1927-36	1937	1938 ¹	Aver- age 1927-36	1937	1938 ¹	1937	1938
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars
Maine.....	995	1,010	1,004	0.88	0.85	0.83	870	863	935	8.80	8.10
New Hampshire.....	372	383	386	1.02	1.10	1.05	377	420	405	10.70	10.80
Vermont.....	925	949	927	1.17	1.21	1.18	1,082	1,147	1,096	9.20	9.20
Massachusetts.....	358	395	391	1.31	1.48	1.47	468	584	575	15.40	14.50
Rhode Island.....	39	43	45	1.24	1.33	1.29	49	57	58	15.50	15.60
Connecticut.....	296	335	341	1.30	1.44	1.51	384	484	516	14.10	15.10
New York.....	4,137	4,108	4,009	1.20	1.40	1.36	4,983	5,747	5,436	8.20	7.20
New Jersey.....	224	222	216	1.50	1.67	1.65	336	370	357	13.60	12.90
Pennsylvania.....	2,548	2,465	2,418	1.20	1.32	1.36	3,085	3,251	3,283	10.90	9.60
North Atlantic.....	9,894	9,910	9,737	1.17	1.30	1.30	11,635	12,923	12,661	9.82	9.03
Ohio.....	2,658	2,472	2,637	1.10	1.32	1.40	2,934	3,255	3,605	7.70	5.50
Indiana.....	1,862	1,669	1,995	1.11	1.35	1.41	2,060	2,255	2,815	8.40	5.70
Illinois.....	2,767	2,390	2,753	1.18	1.33	1.48	3,272	3,129	4,083	9.60	6.30
Michigan.....	2,002	2,556	2,644	1.16	1.37	1.40	3,033	3,512	3,714	7.50	6.30
Wisconsin.....	3,214	3,473	3,655	1.39	1.44	1.77	4,516	4,989	6,479	9.90	6.90
Minnesota.....	2,599	2,822	2,882	1.32	1.68	1.70	3,407	4,737	4,893	5.70	4.20
Iowa.....	3,147	2,723	3,083	1.31	1.48	1.62	4,116	4,021	4,997	8.00	5.70
Missouri.....	2,965	2,176	2,214	.88	1.02	1.02	2,645	2,226	2,251	8.10	6.40
North Dakota.....	1,204	990	1,046	.99	1.02	1.11	1,155	1,008	1,162	5.10	4.00
South Dakota.....	1,047	1,081	848	.92	.88	1.03	970	948	870	5.50	4.30
Nebraska.....	1,600	1,412	1,170	1.46	1.07	1.46	2,338	1,514	1,709	8.70	4.90
Kansas.....	1,163	947	760	1.47	1.09	1.54	1,739	1,032	1,171	8.90	4.90
North Central.....	25,831	24,681	25,687	1.20	1.22	1.47	32,184	32,626	37,839	7.96	5.71
Delaware.....	62	64	64	1.32	1.33	1.42	83	85	91	11.60	10.20
Maryland.....	385	385	382	1.21	1.35	1.42	468	518	543	11.60	9.40
Virginia.....	950	1,060	1,052	.95	1.14	1.08	907	1,206	1,138	12.40	11.30
West Virginia.....	685	665	684	.96	1.11	1.17	661	741	802	10.20	10.10
North Carolina.....	795	967	962	.79	.85	.90	630	824	863	14.80	13.20
South Carolina.....	434	603	551	.71	.83	.78	309	501	431	13.80	12.70
Georgia.....	763	935	1,085	.54	.58	.58	412	545	631	11.50	10.80
Florida.....	87	93	99	.56	.56	.57	49	52	56	10.10	9.50
South Atlantic.....	4,161	4,772	4,879	.84	.94	.93	3,519	4,472	4,555	12.39	11.24
Kentucky.....	1,283	1,290	1,319	.97	1.13	1.30	1,266	1,463	1,720	10.20	7.80
Tennessee.....	1,432	1,603	1,660	.89	1.00	1.11	1,371	1,597	1,850	10.90	8.00
Alabama.....	605	862	848	.71	.80	.78	430	690	662	11.50	10.90
Mississippi.....	513	776	877	1.16	1.27	1.24	595	983	1,086	11.20	10.30
Arkansas.....	692	852	942	1.00	1.14	1.04	685	969	980	9.60	8.00
Louisiana.....	238	263	299	1.21	1.22	1.11	284	321	333	10.00	9.80
Oklahoma.....	500	555	582	1.30	1.23	1.40	645	680	815	8.30	5.60
Texas.....	686	885	1,036	.99	.94	.98	671	831	1,012	8.70	7.10
South Central.....	5,950	7,096	7,563	.98	1.06	1.12	5,846	7,634	8,458	10.18	8.21
Montana.....	1,497	1,159	1,255	1.24	1.22	1.55	1,839	1,416	1,940	8.70	5.50
Idaho.....	1,048	1,013	1,028	2.15	2.22	2.26	2,256	2,249	2,323	7.90	6.60
Wyoming.....	722	787	801	1.24	1.25	1.16	892	982	933	7.10	6.60
Colorado.....	1,188	1,022	1,062	1.59	1.63	1.75	1,898	1,661	1,863	7.80	6.10
New Mexico.....	136	120	136	1.08	1.05	1.97	270	264	268	10.50	8.20
Arizona.....	194	180	199	2.61	2.69	2.48	505	485	493	12.00	8.10
Utah.....	542	515	494	2.03	2.27	2.13	1,107	1,171	1,051	7.60	7.80
Nevada.....	196	182	184	1.90	2.07	2.01	373	376	370	8.70	6.00
Washington.....	892	919	940	1.83	1.89	1.82	1,621	1,735	1,707	9.20	8.70
Oregon.....	897	806	838	1.78	1.77	1.77	1,598	1,428	1,486	9.00	8.50
California.....	1,669	1,459	1,506	2.53	2.83	2.89	4,212	4,127	4,352	12.50	8.10
Western.....	8,980	8,171	8,443	1.84	1.95	1.99	16,571	15,894	16,786	9.51	7.32
United States.....	55,815	54,620	56,309	1.25	1.34	1.43	69,754	73,449	80,299	9.12	7.15

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 393.—Wild hay: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1927-36, annual 1937 and 1938 ¹

State and division	Acreage harvested			Yield per acre			Production			Dec. 1 price	
	Average	1937	1938 ²	Average	1937	1938 ²	Average	1937	1938 ²	1937	1938
	1927-36			1927-36			1927-36			Dollars	Dollars
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars
Maine.....	6	8	8	0.94	0.90	1.00	6	7	8	6.30	5.00
New Hampshire.....	6	8	7	.92	.90	.95	5	7	7	7.20	6.80
Vermont.....	7	9	10	.92	.95	.95	7	9	10	5.60	5.00
Massachusetts.....	8	9	8	.94	1.00	1.00	7	9	8	9.30	7.70
Rhode Island.....	1	1	1	.84	.90	.80	1	1	1	9.60	8.00
Connecticut.....	8	10	10	1.09	1.15	1.15	8	12	12	8.40	9.30
New York.....	42	52	65	.90	1.05	1.00	38	55	65	5.30	4.30
New Jersey.....	13	13	12	1.29	1.15	1.30	17	15	16	6.40	7.60
Pennsylvania.....	12	20	14	.82	.90	.85	10	18	12	7.80	6.30
North Atlantic.....	104	130	135	.96	1.02	1.03	100	133	139	6.52	5.74
Ohio.....	4	5	5	.71	.85	.80	3	4	4	6.00	3.10
Indiana.....	10	6	6	.88	.90	1.00	8	5	6	5.00	4.20
Illinois.....	20	21	15	.84	.85	.80	17	18	12	6.90	4.60
Michigan.....	35	37	26	.81	.85	.85	28	31	22	5.00	4.30
Wisconsin.....	274	275	184	.98	1.05	1.00	263	289	184	6.30	4.60
Minnesota.....	1,764	1,536	1,428	.92	1.10	1.10	1,640	1,690	1,571	3.90	2.85
Iowa.....	194	159	154	.96	1.10	1.15	188	175	177	6.10	4.50
Missouri.....	132	132	120	.96	1.25	1.15	126	165	138	5.90	4.75
North Dakota.....	1,541	1,482	1,586	.76	.75	.80	1,218	1,112	1,269	4.40	3.55
South Dakota.....	1,775	1,750	1,838	.65	.65	.55	1,046	962	1,011	4.30	3.50
Nebraska.....	2,680	2,167	2,384	.66	.65	.75	1,807	1,192	1,738	6.20	3.55
Kansas.....	851	645	697	.88	.85	1.20	770	548	638	6.40	3.65
North Central.....	9,282	8,215	8,443	.74	.75	.83	7,114	6,191	7,018	4.96	3.48
Delaware.....	2	1	1	1.11	1.05	1.00	2	1	1	6.00	6.40
Maryland.....	3	4	4	.87	1.00	1.15	3	4	5	8.00	8.00
Virginia.....	9	13	13	.78	.90	.80	7	12	10	9.50	9.10
West Virginia.....	9	12	10	.78	.90	.95	7	11	10	7.40	8.10
North Carolina.....	24	34	31	.95	1.10	1.00	23	37	31	10.90	9.50
South Carolina.....	13	26	22	.71	.85	.80	10	22	18	8.90	8.90
Georgia.....	19	20	19	.84	.80	.85	16	16	16	9.50	9.20
Florida.....	2	1	1	.74	.65	.60	2	1	1	9.00	9.00
South Atlantic.....	82	111	101	.85	.94	.91	69	104	92	9.55	8.97
Kentucky.....	22	25	25	.90	1.00	1.10	20	25	28	6.50	5.10
Tennessee.....	38	34	32	.74	.85	.90	28	29	29	6.90	5.40
Alabama.....	41	40	40	.78	.85	.90	32	34	36	8.10	8.40
Mississippi.....	53	69	69	1.00	1.15	1.10	52	79	76	8.40	7.20
Arkansas.....	163	165	168	.97	1.10	1.05	146	182	176	6.80	5.70
Louisiana.....	20	25	18	.97	1.25	1.30	19	31	23	6.00	7.10
Oklahoma.....	502	468	460	.88	.85	1.15	443	398	529	6.60	4.60
Texas.....	221	285	271	.92	.80	1.05	203	228	285	7.60	6.50
South Central.....	1,049	1,111	1,083	.90	.91	1.09	942	1,006	1,182	7.04	5.88
Montana.....	587	487	509	.78	.80	.95	473	390	569	7.60	5.40
Idaho.....	92	78	82	.96	.95	1.00	89	74	82	5.20	5.30
Wyoming.....	286	307	292	.74	.75	.75	219	230	219	7.50	6.50
Colorado.....	356	356	374	.94	1.00	1.00	334	356	374	7.00	6.00
New Mexico.....	23	21	25	.76	.80	.65	18	17	16	9.00	7.50
Arizona.....	11	9	7	.86	.90	1.00	10	8	7	8.00	8.00
Utah.....	65	65	60	1.02	1.10	1.10	66	72	66	8.20	4.70
Nevada.....	124	137	137	.95	1.10	1.10	121	151	151	5.40	5.40
Washington.....	30	27	29	1.20	1.30	1.15	36	35	33	7.20	7.40
Oregon.....	231	290	220	.98	1.05	1.15	227	231	253	6.60	5.50
California.....	140	170	187	1.10	1.00	1.30	158	170	243	8.10	6.10
Western.....	1,946	1,877	2,012	.89	.92	1.00	1,752	1,734	2,013	6.99	5.76
United States.....	12,462	11,444	11,774	.79	.80	.89	9,979	9,168	10,444	5.65	4.23

¹ Includes prairie, marsh, and salt grasses.² Preliminary.

Bureau of Agricultural Economics.

TABLE 394.—*Hay, alfalfa: Acreage, yield, and production, by States, average 1927-36, annual 1937 and 1938*¹

State and division	Acreage harvested			Yield per acre			Production		
	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons
Maine.....	6	6	5	1.52	1.30	1.50	10	8	8
New Hampshire.....	3	3	3	1.94	2.00	1.95	6	6	6
Vermont.....	9	14	13	2.26	2.00	2.20	21	28	29
Massachusetts.....	5	8	8	2.29	2.30	2.40	12	18	19
Rhode Island.....	1	1	1	2.26	2.30	2.40	2	2	2
Connecticut.....	10	15	16	2.82	2.90	3.10	29	44	50
New York.....	244	314	301	1.90	2.00	1.95	462	628	587
New Jersey.....	35	46	49	2.18	2.40	2.25	77	110	110
Pennsylvania.....	134	209	215	1.87	2.10	2.00	251	439	430
North Atlantic.....	450	616	611	1.95	2.03	2.03	870	1,283	1,241
Ohio.....	290	470	465	1.82	1.95	2.05	529	916	953
Indiana.....	252	451	433	1.69	1.75	1.85	420	789	801
Illinois.....	308	372	405	2.04	1.80	2.30	617	670	932
Michigan.....	755	1,103	1,048	1.54	1.70	1.65	1,148	1,875	1,729
Wisconsin.....	514	983	1,199	2.00	1.75	2.30	1,011	1,720	2,758
Minnesota.....	749	1,203	1,263	1.76	2.10	2.15	1,300	2,526	2,715
Iowa.....	596	945	900	2.12	1.95	2.20	1,234	1,843	1,980
Missouri.....	178	200	152	1.92	1.80	2.20	340	360	334
North Dakota.....	215	136	122	1.14	1.20	1.15	256	163	140
South Dakota.....	624	386	301	1.02	.95	1.05	675	367	316
Nebraska.....	1,157	1,038	789	1.62	1.10	1.45	1,888	1,142	1,144
Kansas.....	769	606	304	1.68	1.15	1.75	1,307	697	600
North Central.....	6,406	7,893	7,471	1.68	1.66	1.94	10,723	13,068	14,492
Delaware.....	6	6	6	2.45	2.40	2.20	14	14	13
Maryland.....	28	34	34	1.96	2.15	2.10	55	73	71
Virginia.....	48	60	61	1.73	2.10	1.90	82	126	116
West Virginia.....	13	24	25	1.79	1.75	1.95	24	42	49
North Carolina.....	6	8	8	1.86	1.60	2.00	11	13	16
South Carolina.....	2	2	2	1.71	1.65	1.60	4	3	3
Georgia.....	4	6	6	1.79	2.10	1.80	8	13	11
South Atlantic.....	107	140	142	1.84	2.03	1.96	197	284	279
Kentucky.....	114	144	160	1.52	1.65	1.90	176	238	304
Tennessee.....	30	50	67	1.60	1.85	1.90	47	92	127
Alabama.....	4	4	4	1.38	1.30	1.60	5	5	6
Mississippi.....	32	75	69	2.16	2.40	2.20	70	180	152
Arkansas.....	59	67	77	1.90	2.05	1.75	113	137	135
Louisiana.....	15	20	21	2.25	2.10	1.70	34	42	36
Oklahoma.....	220	245	240	1.83	1.65	1.90	397	404	456
Texas.....	61	70	91	2.27	2.20	2.25	138	174	205
South Central.....	534	684	729	1.85	1.86	1.95	960	1,272	1,421
Montana.....	701	563	619	1.62	1.60	1.75	1,138	901	1,083
Idaho.....	764	781	781	2.48	2.30	2.65	1,888	1,952	1,992
Wyoming.....	375	382	367	1.48	1.55	1.55	557	592	569
Colorado.....	731	636	661	1.89	1.95	2.10	1,390	1,240	1,388
New Mexico.....	92	87	91	2.35	2.40	2.40	215	209	218
Arizona.....	151	139	145	2.93	3.00	2.80	441	417	406
Utah.....	493	471	447	2.09	2.35	2.20	1,041	1,107	983
Nevada.....	140	137	137	2.18	2.35	2.25	306	322	308
Washington.....	226	252	280	2.58	2.55	2.60	584	645	700
Oregon.....	264	256	259	2.52	2.45	2.60	641	627	673
California.....	773	688	722	3.86	4.40	4.30	2,975	3,027	3,105
Western.....	4,700	4,392	4,509	2.38	2.51	2.53 ³	11,178	11,037	11,425
United States.....	12,197	13,725	13,462	1.97	1.96	2.14	23,948	26,944	28,858

¹ Included in tame hay.² Preliminary.³ Short-time average.

Bureau of Agricultural Economics.

TABLE 395.—Hay, clover and timothy: Acreage, yield, and production, by States, average 1927-36, annual 1937 and 1938¹

State and division	Acreage harvested			Yield per acre			Production		
	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²	Average 1927-36	1937	1938 ²
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons
Maine.....	586	500	485	0.97	0.97	1.05	571	485	509
New Hampshire.....	208	210	212	1.14	1.25	1.15	238	262	244
Vermont.....	702	705	684	1.21	1.27	1.23	851	895	841
Massachusetts.....	247	290	281	1.42	1.60	1.58	351	464	444
Rhode Island.....	22	24	24	1.35	1.45	1.43	29	35	34
Connecticut.....	155	180	189	1.38	1.50	1.60	214	270	302
New York.....	3,340	3,230	3,160	1.20	1.40	1.35	4,002	4,522	4,266
New Jersey.....	160	135	127	1.37	1.45	1.45	221	196	184
Pennsylvania.....	2,277	2,108	2,066	1.18	1.25	1.30	2,694	2,635	2,686
North Atlantic.....	7,698	7,382	7,228	1.19	1.32	1.32	9,173	9,764	9,510
Ohio.....	2,152	1,707	1,929	1.00	1.15	1.25	2,166	1,963	2,411
Indiana.....	1,174	688	1,149	.96	1.10	1.25	1,143	757	1,436
Illinois.....	1,436	668	1,250	1.11	1.15	1.35	1,628	768	1,688
Michigan.....	1,639	1,228	1,388	1.02	1.15	1.25	1,692	1,412	1,735
Wisconsin.....	2,306	1,011	2,007	1.28	1.35	1.50	3,055	2,580	3,010
Minnesota.....	1,096	780	757	1.21	1.50	1.45	1,361	1,170	1,098
Iowa.....	2,066	990	1,336	1.10	1.15	1.35	2,331	1,138	1,804
Missouri.....	2,026	1,260	1,260	.79	.90	.85	1,652	1,134	1,071
North Dakota.....	42	11	16	.97	1.00	1.10	47	11	18
South Dakota.....	46	18	18	.82	.85	.95	42	15	17
Nebraska.....	88	14	12	1.01	.85	1.15	96	12	14
Kansas.....	149	30	20	.97	.95	1.05	154	28	21
North Central.....	14,220	9,305	11,142	1.06	1.18	1.29	15,369	10,988	14,323
Delaware.....	42	42	40	1.20	1.20	1.35	50	50	54
Maryland.....	308	300	300	1.13	1.25	1.35	351	375	405
Virginia.....	472	467	476	1.00	1.20	1.20	482	560	571
West Virginia.....	471	408	420	.95	1.15	1.20	456	469	504
North Carolina.....	71	64	69	.91	1.00	1.00	65	64	69
Georgia.....	3	4	4	.96	.90	.90	3	4	4
South Atlantic.....	1,367	1,285	1,309	1.02	1.18	1.23	1,407	1,522	1,607
Kentucky.....	446	350	364	.91	1.05	1.20	419	368	437
Tennessee.....	302	195	230	.90	1.05	1.10	279	205	253
Alabama.....	5	5	5	.80	.80	.85	4	4	4
Mississippi.....	3	6	7	1.21	1.35	1.35	4	8	9
Arkansas.....	69	48	58	.90	1.00	.95	64	45	55
South Central.....	837	604	664	.91	1.05	1.14	783	633	758
Montana.....	244	180	225	1.33	1.30	1.70	330	234	382
Idaho.....	158	108	119	1.37	1.40	1.45	218	151	173
Wyoming.....	107	102	106	1.12	1.20	1.00	122	122	106
Colorado.....	166	130	130	1.40	1.45	1.35	233	188	176
New Mexico.....	9	6	6	1.26	1.35	1.20	11	8	7
Utah.....	23	19	20	1.46	1.55	1.55	34	29	33
Nevada.....	25	20	21	1.30	1.28	1.50	34	25	32
Washington.....	184	200	200	2.07	2.15	2.00	380	430	400
Oregon.....	122	100	115	1.58	1.60	1.60	193	160	184
California.....	38	35	35	1.57	1.80	1.80	59	63	63
Western.....	1,068	900	977	1.50	1.57	1.59	1,602	1,410	1,556
United States.....	25,189	19,476	21,320	1.11	1.25	1.30	28,333	24,317	27,754

¹ Included in tame hay; excludes sweetclover and lespedeza hay.² Preliminary.³ Short-time average.

Bureau of Agricultural Economics.

TABLE 396.—Hay, loose: Average price per ton received by farmers, United States 1928-33

Year beginning July	ALL HAY												Crop year average ¹
	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	
1928	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	11.22
1929	10.86	10.39	10.59	10.50	10.89	11.23	11.61	12.06	12.37	12.30	12.15	11.88	10.90
1929	11.17	10.85	11.05	11.07	11.18	11.04	11.16	11.19	10.95	10.97	10.98	10.91	11.06
1930	10.47	11.31	12.14	12.17	12.19	11.33	11.21	10.92	10.66	10.59	10.54	9.97	8.69
1931	9.30	9.05	8.88	8.57	8.68	8.71	8.60	8.45	8.69	8.74	8.48	7.60	6.22
1932	6.95	6.82	6.80	6.54	6.49	6.14	6.03	5.91	5.89	6.12	6.37	6.43	8.12
1933	6.99	7.53	7.53	7.54	7.69	7.69	7.78	8.07	8.34	8.59	8.94	9.75	13.28
1934	10.18	12.50	13.03	13.40	13.58	13.86	14.02	14.02	13.79	13.67	13.38	12.07	7.51
1935	8.88	7.90	7.43	7.26	7.25	7.20	7.30	7.57	7.45	7.35	7.26	7.31	11.04
1936	8.66	10.77	10.87	10.73	11.08	11.51	11.84	11.98	12.24	12.11	10.93	7.48	10.70
1937	9.48	8.97	8.91	8.77	8.74	8.79	8.71	8.50	8.17	7.91	7.91	7.91	6.70
1938	7.11	6.82	6.70	6.72	6.82	6.81	6.79	6.78	6.67	6.67	6.68	6.68	6.70

ALFALFA													
1928	11.98	11.82	12.20	12.82	13.29	13.90	14.54	15.34	16.07	16.20	15.50	14.50	13.73
1929	13.12	13.17	13.50	13.84	14.00	14.41	14.66	14.45	13.90	13.42	12.87	12.14	13.73
1930	11.44	12.16	12.85	12.97	12.94	12.52	12.21	11.74	11.29	11.01	10.87	10.24	12.13
1931	9.80	9.86	9.67	9.58	9.94	10.31	10.14	10.25	10.84	10.79	9.97	8.63	10.05
1932	7.38	7.15	7.27	7.05	7.01	6.77	6.70	6.39	6.34	6.46	6.71	6.69	6.99
1933	7.48	7.90	8.04	8.26	8.26	8.36	8.47	8.58	8.68	8.84	9.28	10.25	8.42
1934	10.84	13.51	14.69	15.07	15.28	15.38	15.31	15.19	14.99	14.94	14.74	12.31	14.43
1935	9.23	8.44	8.25	8.15	8.27	8.29	8.50	8.78	8.67	8.35	8.16	7.82	8.53
1936	9.37	12.04	12.15	12.09	12.16	12.52	13.02	13.98	14.12	13.81	13.33	11.76	12.35
1937	10.33	10.23	10.39	10.54	10.56	10.74	10.73	10.46	10.17	9.83	9.18	8.32	10.32
1938	8.16	7.75	7.73	7.74	7.92	8.13	7.96	7.95	7.84	7.62	7.63	7.63	7.63

MIXED CLOVER AND TIMOTHY ²													
1928	12.52	12.25	12.50	12.58	13.01	13.05	13.41	13.59	13.93	13.43	13.24	12.92	12.97
1929	11.60	11.61	11.82	11.77	11.82	11.97	12.24	12.24	12.31	12.27	12.19	12.25	11.98
1930	11.71	13.20	14.62	14.62	14.62	13.52	13.53	12.78	12.45	12.57	12.21	11.28	13.38
1931	10.30	10.15	9.81	9.65	9.65	9.70	9.72	8.76	8.70	8.76	8.67	8.39	9.25
1932	7.92	7.97	7.89	7.74	7.62	7.38	7.25	7.17	7.12	7.52	7.60	7.65	7.65
1933	7.96	8.63	8.81	8.67	8.85	8.74	8.86	9.41	9.75	10.17	10.64	11.39	9.19
1934	11.96	14.00	15.07	15.46	15.62	15.89	16.01	15.96	15.48	14.73	14.30	13.04	14.90
1935	10.13	8.95	8.70	8.66	8.57	8.54	8.74	8.73	8.60	8.44	8.17	7.35	8.87
1936	9.43	12.18	12.16	12.18	12.14	12.53	13.07	13.35	13.58	13.94	13.91	12.50	12.37
1937	11.06	10.23	10.19	10.08	9.84	10.09	10.19	10.06	9.97	9.47	9.02	8.64	10.08
1938	8.19	7.68	7.75	7.76	8.04	8.01	8.12	8.13	7.79	7.84	7.78	7.78	7.78

PRAIRIE													
1928	7.80	7.34	7.62	7.71	7.72	7.88	8.01	8.33	8.99	8.81	8.76	8.77	8.04
1929	8.21	7.96	8.13	7.97	8.11	8.18	8.30	8.41	8.11	8.12	7.96	7.78	8.14
1930	7.12	7.63	7.89	7.66	7.48	7.31	7.23	6.82	6.51	6.44	6.30	6.34	7.26
1931	6.52	6.64	6.68	6.53	6.67	6.56	6.48	6.70	7.30	7.47	7.15	6.02	6.75
1932	5.14	4.71	4.57	4.45	4.36	4.06	4.10	4.01	3.97	4.07	4.31	4.30	4.40
1933	5.18	5.54	5.49	5.46	5.35	5.34	5.47	5.58	5.77	6.11	6.50	7.42	8.68
1934	7.90	11.03	11.61	11.86	12.09	12.49	12.76	12.83	12.87	13.33	13.20	10.98	11.89
1935	6.58	5.61	5.01	5.81	5.78	4.75	4.86	5.10	5.03	4.73	4.55	4.75	5.41
1936	6.71	8.62	8.34	7.96	7.91	7.96	8.23	8.41	8.66	8.54	8.48	7.32	8.04
1937	6.39	6.60	6.03	5.91	5.82	5.90	5.79	5.74	5.69	5.76	5.45	4.91	5.88
1938	4.74	4.43	4.36	4.44	4.29	4.40	4.31	4.33	4.22	4.15	4.11	4.11	4.11

¹ For "All hay" average for the year obtained by weighting State price averages for the crop-marketing season.

² Preliminary for "All hay" only.

³ Clover hay prices, July 15, 1928, to Feb. 15, 1932.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; yearly price obtained by weighting monthly prices by monthly marketings. Data for earlier years for All Hay, Alfalfa, Clover, and Prairie, in December 1935 issue of Crops and Markets, p. 532.

TABLE 397.—*Hay, alfalfa No. 1: Average price per ton at Kansas City, 1928-38*

Year beginning July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928	20.05	20.50	20.90	23.15	24.90	25.95	28.30	28.75	29.80	29.75	25.65	19.60	24.78
1929	19.00	20.40	23.50	24.30	24.75	22.75	23.75	23.00	22.05	23.00	21.75	16.75	22.06
1930	17.50	21.40	22.00	22.25	23.15	22.50	21.45	19.55	19.65	19.25	17.25	12.90	19.60
1931	13.90	13.20	12.90	13.10	13.15	14.25	14.00	14.50	16.00	16.00	13.55	9.75	13.69
1932	9.75	9.75	9.75	10.50	10.50	11.05	10.50	10.25	10.80	11.00	11.20	9.65	10.39
1933	9.90	11.45	11.75	11.75	11.75	12.70	12.50	12.40	12.75	13.95	13.50	14.10	12.38
1934	17.60	22.50	22.50	21.70	21.50	23.25	23.50	23.10	22.75	22.00	20.10	14.80	21.28
1935	11.20	13.00	13.40	14.00	14.00	13.70	13.50	13.75	13.65	15.40	14.25	11.30	13.43
1936	16.25	18.40	19.10	19.70	20.15	20.00	20.70	20.85	20.35	21.45	18.50	17.00	19.37
1937	15.50	16.70	18.05	19.10	19.55	21.00	21.25	20.40	19.95	18.00	17.60	13.50	18.38
1938	12.50	12.50	12.50	14.10	14.50	14.50	14.60	14.55	14.50	14.50	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports made directly to the Bureau by its representatives in the market. Prices are simple averages of 1 day's quotation each week, carlot basis. Data for earlier years in 1928 Yearbook, table 292.

TABLE 398.—*Alfalfa meal: Production in the United States and price per ton of No. 1 medium, bagged in carlots, Kansas City, 1928-38*

PRODUCTION

Year beginning June	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Total or average
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1928	26,490	26,710	38,720	42,925	40,430	33,130	31,910	51,250	36,990	27,890	14,630	9,870	380,940
1929	19,075	24,410	28,880	32,250	40,930	27,780	42,080	44,890	41,850	22,870	14,630	11,260	350,875
1930	31,160	24,680	30,570	41,970	25,960	28,920	26,990	34,375	16,590	14,220	15,380	12,960	301,740
1931	23,550	15,100	17,400	18,930	16,940	21,160	19,520	12,610	12,520	10,520	8,730	10,940	187,040
1932	14,900	17,010	15,450	19,140	18,120	12,390	12,930	10,960	10,120	10,070	12,240	15,970	160,200
1933	27,930	22,960	19,660	20,550	24,980	19,600	18,390	18,480	14,510	13,290	14,100	16,650	231,100
1934	25,580	23,870	23,550	20,850	19,140	17,260	16,600	11,530	10,830	12,080	14,440	15,600	211,330
1935	20,890	27,250	20,250	19,030	26,870	21,000	18,910	17,450	17,830	18,840	16,340	16,340	241,000
1936	30,350	27,430	36,930	35,770	26,250	33,820	33,560	36,780	32,010	22,800	19,540	19,660	354,900
1937	32,110	31,350	37,480	33,450	30,830	30,970	24,000	24,040	16,940	15,510	12,290	18,060	307,030
1938	29,810	28,500	29,910	24,100	31,390	22,240	25,180	21,260	17,110	14,010	15,683	-----	-----

PRICE

	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928	31.70	27.60	25.60	26.00	26.60	26.60	28.60	29.75	29.90	28.50	28.00	27.00	28.00
1929	25.10	23.50	25.00	27.30	27.50	26.80	27.40	27.40	25.50	23.60	25.00	23.80	25.70
1930	22.00	22.70	24.70	26.00	25.60	25.00	24.20	23.60	21.25	20.40	21.00	19.60	23.00
1931	18.10	17.90	16.80	17.60	17.20	19.00	18.60	18.90	17.60	17.00	17.00	17.00	17.70
1932	15.40	15.50	15.90	16.00	15.60	15.40	15.25	15.10	15.00	15.25	15.60	16.20	15.50
1933	16.00	17.30	18.20	19.40	19.10	19.00	19.00	19.20	19.00	19.00	19.10	19.10	18.60
1934	20.60	24.25	27.20	27.25	25.75	25.20	26.40	26.00	25.50	24.70	24.90	26.25	23.30
1935	26.00	22.40	20.50	20.50	20.20	20.00	19.50	19.10	19.50	19.50	19.00	18.50	20.40
1936	18.00	21.10	25.10	25.10	24.20	24.90	24.40	24.25	24.40	23.80	24.90	24.90	23.75
1937	23.10	21.10	21.80	21.50	21.50	21.50	21.75	21.75	21.10	21.30	20.40	20.20	21.40
1938	19.40	18.50	18.50	19.00	19.00	19.00	19.20	19.65	19.70	19.40	19.00	-----	-----

¹ Fine ground.

² Reported as fine, beginning August 1935.

Bureau of Agricultural Economics. Production data from reports of meal manufacturers to the Bureau through its market news service; prices are from reports of Bureau representative in the market, and are average bulk of sales prices for 1 day each week.

TABLE 399.—*Pasture: Condition, 1st of month, by States, average 1927-36, annual 1938*¹

State and division	April		May		June		July		August		September		October	
	Average 1927-36		Average 1927-36		Average 1927-36		Average 1927-36		Average 1927-36		Average 1927-36		Average 1927-36	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Maine.....	91	88	84	88	84	87	86	94	83	05	77	92	79	92
N. H.....	88	90	84	84	84	89	86	89	81	02	78	92	77	91
Vt.....	92	05	86	94	86	94	89	78	85	86	80	92	81	88
Mass.....	88	96	82	86	83	88	84	91	76	96	73	96	78	85
R. I.....	87	77	80	74	83	83	86	70	77	70	74	82	77	91
Conn.....	88	87	82	88	84	87	88	92	77	99	74	92	77	89
N. Y.....	81	86	77	88	80	88	80	82	72	83	67	80	71	83
N. J.....	84	84	79	85	81	81	80	84	70	91	70	82	73	74
Pa.....	80	84	77	85	81	86	79	85	71	86	69	75	69	77
North Atlantic.....	83	86	79	87	81	87	81	84	73	86	70	81	72	82
Ohio.....	78	90	75	88	77	87	72	93	65	88	66	83	69	80
Ind.....	78	90	76	88	79	89	72	94	62	93	62	88	70	84
Ill.....	79	90	76	89	77	89	72	94	62	91	60	85	64	84
Mich.....	76	85	69	83	81	87	77	89	61	81	50	83	63	83
Wis.....	81	85	74	85	78	89	77	87	65	89	56	89	67	90
Minn.....	77	82	71	82	76	88	74	91	61	87	54	74	63	78
Iowa.....	83	82	76	87	79	93	76	95	66	87	62	83	71	88
Mo.....	77	82	75	84	76	87	71	88	58	78	58	67	62	65
N. Dak.....	64	58	60	63	63	76	64	72	55	73	50	57	50	48
S. Dak.....	67	63	69	70	70	80	64	75	51	62	48	42	51	56
Nebr.....	77	52	77	63	79	75	76	77	64	71	60	57	63	67
Kans.....	71	58	71	62	76	72	74	74	60	72	57	70	62	69
North Central.....	77	77	74	80	77	85	73	86	62	82	58	74	64	76
Del.....	81	80	76	80	81	85	79	81	70	89	70	84	70	80
Md.....	77	87	75	86	79	86	77	84	66	87	66	85	69	85
Va.....	76	88	77	89	79	88	77	92	73	94	76	87	71	85
W. Va.....	77	83	76	88	78	89	74	93	71	93	75	87	70	81
N. C.....	78	87	78	86	76	84	75	92	77	92	81	86	77	80
S. C.....	66	69	72	77	70	73	68	80	71	79	72	63	66	60
Ga.....	69	78	77	82	74	77	70	84	74	87	74	72	68	59
Fla.....	75	81	77	65	73	60	77	80	81	83	83	80	82	75
South Atlantic.....	75	83	76	85	77	83	74	89	73	90	75	82	71	77
Ky.....	75	85	77	87	79	89	74	90	69	92	71	97	71	90
Tenn.....	74	87	78	88	79	90	71	91	71	91	70	90	68	82
Ala.....	67	82	76	85	76	83	70	83	74	87	73	79	67	67
Miss.....	70	83	77	87	79	80	71	84	74	83	71	81	68	71
Ark.....	72	82	78	85	81	86	73	86	64	76	57	71	59	58
La.....	70	87	77	86	81	78	72	80	76	84	73	85	70	75
Okla.....	68	72	71	75	75	79	71	81	58	77	53	66	56	63
Tex.....	73	84	74	84	77	81	73	82	67	84	58	68	64	63
South Central.....	72	82	75	84	77	83	72	84	67	84	62	75	64	68
Mont.....	72	67	74	73	77	87	73	92	63	92	58	80	62	83
Idaho.....	85	93	82	92	86	93	86	94	77	89	73	84	72	83
Wyo.....	77	82	80	87	82	93	83	90	72	82	72	75	73	77
Colo.....	72	64	73	70	78	86	76	86	68	81	49	71	68	80
N. Mex.....	71	77	68	72	71	55	68	63	64	81	71	61	72	78
Ariz.....	88	92	86	93	82	82	80	77	80	80	83	80	84	79
Utah.....	83	90	80	89	80	88	75	85	70	83	70	78	68	78
Nev.....	82	85	82	90	82	90	81	91	78	95	74	93	74	88
Wash.....	79	82	79	88	84	90	83	76	75	56	66	48	67	49
Oreg.....	83	80	84	93	87	92	86	77	78	66	70	58	70	59
Calif.....	83	95	80	94	78	93	76	90	74	86	72	85	71	85
Western.....	78	82	77	84	79	86	77	85	71	83	69	75	70	79
United States.....	76	80	75	82	78	85	74	86	66	83	63	76	66	76

¹ For range States, condition given as reported. Probably relates largely to farm pasture, i. e., range not included.

Bureau of Agricultural Economics.

TABLE 400.—*Pasture and range: Condition, 1st of month, United States, 1929-38*

Year	Pasture						Range ¹					
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	Oct.
	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>
1929.....	86.9	87.2	87.5	79.7	67.1	70.2	84	87	88	86	83	84
1930.....	77.3	80.4	74.6	56.4	47.7	56.1	89	92	88	82	81	82
1931.....	78.8	78.5	73.0	63.7	63.0	63.5	84	82	79	73	73	71
1932.....	74.1	77.6	79.0	71.1	67.6	67.1	81	89	92	88	84	84
1933.....	71.5	81.5	60.5	55.6	59.5	65.6	76	82	78	74	75	76
1934.....	66.2	53.2	48.9	39.6	43.1	54.0	80	70	66	55	54	55
1935.....	69.5	77.7	85.4	81.1	74.3	73.8	70	82	88	85	81	83
1936.....	68.6	74.5	58.1	41.6	40.3	54.3	79	83	76	72	70	74
1937.....	69.3	75.7	79.4	73.9	68.2	66.0	75	76	81	80	76	76
1938.....	82.1	84.7	85.7	83.3	75.8	75.5	84	87	87	87	82	82

¹ Western division and includes range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.

Bureau of Agricultural Economics. Condition of pasture for earlier years in 1928 Yearbook, table 296.

TABLE 401.—*Hops: Acreage and production in specified countries, averages 1925-26 to 1934-35, annual 1936-37 to 1938-39*

Country	Acreage					Production				
	Average		1936-37	1937-38	1938-39 ¹	Average		1936-37	1937-38	1938-39 ¹
	1925-26 to 1929-30	1930-31 to 1934-35				1925-26 to 1929-30	1930-31 to 1934-35			
NORTH AMERICA										
Canada ²	<i>Acres</i> 870	<i>Acres</i> 941	<i>Acres</i> 1,062	<i>Acres</i> 1,075	<i>Acres</i> 1,075	<i>1,000 pounds</i> 1,130	<i>1,000 pounds</i> 1,214	<i>1,000 pounds</i> 1,598	<i>1,000 pounds</i> 1,510	<i>1,000 pounds</i> 1,510
United States ³	23,270	26,000	30,900	34,300	31,500	31,378	31,566	25,156	43,913	35,261
Total.....	24,140	26,940	31,962	35,375		32,509	32,780	26,754	45,423	
EUROPE										
England and Wales.....	24,530	18,198	18,317	18,100	18,460	34,565	24,304	28,224	26,320	28,784
Belgium.....	3,441	1,931	2,412	2,110	1,840	5,118	2,069	3,172	2,663	2,105
France.....	11,023	5,351	4,680	4,942	4,250	10,798	3,637	3,685	5,291	4,087
Germany.....	35,902	24,984	25,402	22,778	21,000	16,111	16,370	22,270	22,657	25,147
Austria.....	561	137	100			87	60			
Czechoslovakia.....	32,068	30,939	28,080	28,011	28,700	21,520	21,127	26,633	26,819	22,597
Hungary.....	349	382	264	205		170	196	199	126	
Yugoslavia.....	14,353	5,291	6,689	7,100	7,000	7,229	3,116	4,327	4,701	3,527
Rumania.....	205	110	37	200		90	49	23	88	
Poland.....	6,052	6,198	8,317	8,787	8,401	3,403	3,450	4,268	3,326	5,026
Estimated European total.....	123,361	93,521	94,298	92,318	90,000	90,138	74,345	92,861	92,025	91,473
OCEANIA										
Australia and New Zealand.....	2,177	1,546	1,664	1,770	-----	3,213	2,688	3,541	3,140	-----
Estimated world total, excluding U. S. S. R.....	154,678	122,007	127,924	129,563	125,000	134,860	109,813	123,156	140,588	130,000

¹ Preliminary.

² British Columbia.

³ Principal producing States.

⁴ Includes the following quantities not harvested because of labor shortage and market conditions including the 1933 marketing agreement quotas: 1934-35, 802,000 pounds; 1937-38, 4,365,000 pounds; 1938-39, 3,140,000 pounds.

⁵ Average for 2 years.

Bureau of Agricultural Economics.

TABLE 402.—Hops: Acreage, production, Dec. 1 price, foreign trade, and consumption, United States, 1910-38

Year	Acreage harvested	Average yield per acre	Production	Dec. 1 price per pound received by farmers ¹	Foreign trade, year beginning September			Consumption by brewers, year beginning July ⁴
					Imports ²	Domestic exports ³	Net exports ³	
	Acres	Pounds	1,000 pounds	Cents	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1910.....					8,520	15,477	4,957	45,069
1911.....					2,993	11,941	8,947	42,437
1912.....					8,627	17,758	9,269	44,238
1913.....					5,418	23,902	18,509	43,988
1914.....					11,545	9,372	* 2,081	38,830
1915.....	44,653	1,187	52,986	11.7	706	19,592	18,946	37,452
1916.....	43,900	1,152	50,595	12.0	201	14,252	14,077	41,959
1917.....	29,900	963	29,385	33.3	121	3,654	3,571	33,481
1918.....	25,900	829	21,481	19.3	(*)	9,545	9,584	13,925
1919.....	22,000	1,287	28,320	77.4	3,876	30,266	26,490	6,441
1920.....	27,000	1,243	33,555	35.7	3,671	20,818	18,340	5,989
1921.....	27,000	1,087	29,340	24.1	975	19,144	18,385	4,453
1922.....	23,400	1,186	27,744	8.6	1,368	15,659	14,418	4,556
1923.....	18,440	1,071	19,751	18.8	574	19,007	18,546	3,815
1924.....	20,350	1,360	27,670	10.3	482	16,032	15,615	7,256
1925.....	20,350	1,404	28,573	21.8	569	14,392	13,983	7,426
1926.....	20,800	1,516	31,522	22.1	471	13,480	13,045	7,149
1927.....	24,600	1,246	30,658	22.9	733	11,530	10,830	7,071
1928.....	26,200	1,257	32,944	19.3	688	8,854	8,176	2,735
1929.....	24,400	1,360	33,195	11.4	* 944	6,725	5,817	2,627
1930.....	19,500	1,202	23,447	14.8	1,039	5,552	4,526	2,197
1931.....	21,400	1,234	26,410	13.8	1,294	3,801	2,507	1,841
1932.....	22,000	1,094	24,058	17.5	4,962	2,444	* 2,518	7,767
1933.....	30,300	1,319	39,965	30.4	* 5,761	7,700	1,929	26,235
1934.....	36,800	1,194	¹⁰ 43,952	14.5	5,257	6,772	1,515	31,773
1935.....	38,900	1,227	¹⁰ 47,746	9.8	¹¹ 6,535	6,184	* 351	34,516
1936.....	30,900	814	25,156	27.6	11,026	2,719	* 8,307	37,005
1937.....	34,300	1,280	¹⁰ 43,913	16.2	9,189	5,784	* 3,405	34,875
1938 ¹²	31,500	1,119	¹⁰ 35,261	17.3				

¹ From 1932 to 1938, season average price.² Compiled from Monthly Summary of Foreign Commerce of the United States, 1910-38, and official records of the Bureau of Foreign and Domestic Commerce.³ Total exports (domestic plus foreign) minus total imports; beginning 1933 domestic exports minus imports for consumption.⁴ 1920 to 1931 represent hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume; 1932 includes 867,057 pounds of hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume and 6,900,263 pounds fermented malt liquor containing not more than 3.2 percent of alcohol by weight; 1933 to date, used for fermented liquor. Records of the Bureau of Internal Revenue, 1910 to 1925, and 1933 to date; annual reports of the Commissioner of Prohibition, 1926 to 1929, and Commissioner of Industrial Alcohol, 1930 to 1932.⁵ Net imports.⁶ Less than 500 pounds.⁷ Not including 57,936 pounds in 1924, 71,508 pounds in 1925, 960 pounds in 1926, and 6,294 pounds in 1927 used in the manufacture of distilled spirits.⁸ Includes hop extract and lupulin 1930-35.⁹ Beginning 1933 imports for consumption.¹⁰ Includes the following quantities not harvested on account of market conditions, including the 1938 marketing agreement allotments: 802,000 pounds in 1934; 5,436,000 in 1935; 4,365,000 in 1937, and 3,140,000 in 1938. Prices apply only to the harvested portion of the crop.¹¹ Hops only, beginning January 1936.¹² Preliminary.

Bureau of Agricultural Economics.

TABLE 403.—Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1927-36, annual 1937 and 1938

State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents
Washington.....	3,730	5,000	5,000	1,777	1,757	1,935	6,639	8,785	9,675	16.0	17.0
Oregon.....	18,400	22,300	19,800	960	1,100	830	17,489	24,530	16,434	15.0	17.0
California.....	5,370	7,000	6,700	1,618	1,514	1,366	8,625	10,598	9,152	19.0	18.0
United States.....	27,500	34,300	31,500	1,195	1,280	1,119	32,753	43,913	35,261	16.2	17.3

¹ Preliminary.

¹ Includes the following quantities not harvested on account of market conditions, including the 1938 marketing agreement allotments: Washington—802,000 pounds in 1934; 2,600,000 in 1935; 1,360,000 in 1937, and 1,300,000 in 1938; Oregon—2,250,000 pounds in 1935; 2,530,000 in 1937, and 1,200,000 in 1938; California—586,000 pounds in 1935; 475,000 in 1937, and 640,000 in 1938. Prices apply only to the harvested portion of the crop.

Bureau of Agricultural Economics.

TABLE 404.—Hops: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Czechoslovakia.....	15,936	1,228	16,134	2	10,842	0	18,027	0	20,867	0
United States.....	12,654	612	5,435	3,104	6,221	5,248	3,424	8,914	5,667	10,021
Yugoslavia.....	9,427	231	4,124	86	7,901	22	7,911	31	5,314	71
Poland.....	3,552	447	3,632	132	3,710	17	5,732	26	4,402	22
Germany.....	2,964	11,408	6,902	4,764	6,841	6,299	8,917	6,003	7,546	5,565
New Zealand.....	387	6	286	8	447	14	478	1	135	-----
Union of Soviet Socialist Republics ¹	346	126	68	2	22	22	9	126	18	1
Australia ¹	269	208	278	41	0	174	2	82	33	82
Total.....	45,535	14,266	36,859	8,139	35,984	11,796	44,498	15,183	43,982	15,762
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	4,672	7,855	2,187	4,426	1,706	3,928	2,239	3,576	1,807	5,221
Ireland.....	0	5,997	0	5,051	0	4,448	0	5,635	0	4,347
Belgium.....	2,173	5,300	648	6,066	842	4,499	1,035	5,814	884	5,247
France.....	5,601	4,458	1,354	4,583	1,741	2,490	1,075	2,802	1,672	2,550
Austria.....	117	3,082	34	1,785	35	1,315	12	1,498	24	1,127
Canada.....	387	2,574	295	1,402	391	1,678	171	1,281	173	1,455
Netherlands.....	89	1,273	21	926	21	734	25	708	44	858
Brazil.....	0	1,101	0	804	0	924	0	958	0	1,292
Switzerland.....	0	1,007	2	1,076	2	867	8	748	7	1,073
Sweden.....	1	1,081	0	962	1	953	2	1,012	1	1,051
Argentina.....	0	1,051	0	664	0	464	0	813	0	666
Japan.....	0	908	0	919	0	933	0	1,570	0	1,417
Denmark.....	1	814	1	891	2	723	1	1,441	2	873
Italy.....	8	672	11	290	2	238	2	164	0	675
Union of South Africa.....	0	530	0	367	0	442	0	463	0	523
Norway.....	0	334	0	259	0	248	0	290	0	300
Hungary.....	121	310	53	70	52	11	77	30	15	60
British India.....	0	166	0	109	0	84	0	86	0	82
Total.....	13,170	38,603	4,606	30,650	4,795	24,999	4,647	28,889	4,629	28,817

¹ Preliminary.¹ International Yearbook of Agricultural Statistics.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Lupulin and hopfenmehl (hop meal) are not included when given separately.

TABLE 405.—*Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1927-36, annual 1937 and 1938*

State	Total acreage ¹			Acreage harvested for nuts			Yield per acre			Production			Price for crop of—	
	Average, 1927-36	1937	1938 *	Average, 1927-36	1937	1938 *	Average, 1927-36	1937	1938 *	Average, 1927-36	1937	1938 *	1937	1938 *
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Cents	Cents
Virginia.....	146	154	163	145	151	157	1,002	1,215	930	145,288	183,465	146,010	3.3	3.5
North Carolina.....	242	243	253	222	238	243	1,029	1,250	1,023	228,960	297,500	249,075	3.3	3.6
Tennessee.....	14	9	8	14	14	9	705	1,675	775	10,040	6,075	6,200	3.8	3.6
Total (V.-C. area).....	402	406	424	381	398	408	1,006	1,224	984	384,288	487,040	401,255	3.31	3.56
South Carolina.....	18	16	10	12	11	13	690	730	700	8,530	8,030	9,100	4.5	4.9
Georgia.....	760	913	990	457	530	619	694	740	800	284,146	392,500	408,200	3.3	3.4
Florida.....	262	298	304	55	71	76	566	580	750	32,010	41,180	57,000	2.9	3.1
Alabama.....	484	491	526	287	336	366	612	750	750	178,239	252,000	274,500	2.8	2.9
Mississippi.....	35	35	40	29	28	33	540	520	510	15,660	14,560	16,830	4.6	4.5
Total, (S. E. area).....	1,514	1,763	1,868	842	976	1,107	614	725	770	518,694	707,970	832,630	3.14	3.26
Arkansas.....	82	44	50	20	19	30	532	520	460	10,306	9,880	12,800	4.5	4.4
Louisiana.....	29	33	35	13	12	13	436	426	500	2,004	6,000	5,500	4.8	4.7
Oklahoma.....	61	24	30	46	19	32	504	475	530	23,269	9,023	16,940	4.0	3.6
Texas.....	251	301	358	166	229	297	498	440	450	99,778	100,760	133,630	3.0	2.9
Total, (S. W. area).....	394	402	485	274	279	372	502	450	459	136,888	125,695	170,910	3.28	3.16
United States.....	2,309	2,561	2,797	1,497	1,633	1,887	683.6	709.0	755.1	1,039,469	1,320,675	1,424,825	3.21	3.33

¹ Acres grown alone, plus approximately one-half the interplanted acres.

* Preliminary.

Bureau of Agricultural Economics.

TABLE 406.—*Peanuts: Acreage, yield, production, season average price per pound received by farmers, and value, United States, 1916-38*

Year	Acreage grown alone for all purposes	Total acreage ¹	Acreage harvested for nuts	Average yield per acre	Production	Price	Farm value
	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars
1916			923	801.6	739,915	4.65	34,407
1917			1,559	726.1	1,131,934	7.12	80,585
1918			1,545	648.9	1,002,561	6.45	64,708
1919			1,084	705.0	764,193	9.34	71,354
1920			1,122	691.8	776,224	4.99	38,696
1921			1,151	671.0	772,370	3.86	29,824
1922			948	627.5	594,840	5.30	31,520
1923			837	714.7	598,172	6.47	38,697
1924	1,437	1,852	1,259	644.9	811,955	5.77	46,884
1925	1,279	1,667	1,130	700.3	791,355	4.49	35,504
1926	1,154	1,520	1,032	736.2	759,716	4.88	37,051
1927	1,528	1,898	1,230	788.9	933,465	5.07	47,372
1928	1,636	2,039	1,375	681.2	936,585	4.95	46,467
1929	1,627	2,064	1,400	693.5	970,332	3.80	36,851
1930	1,433	1,881	1,136	636.2	722,745	3.57	25,815
1931	1,773	2,299	1,469	721.4	1,059,745	2.05	21,743
1932	2,042	2,649	1,707	609.9	1,041,160	1.54	16,500
1933	1,717	2,350	1,468	659.1	967,620	2.83	27,362
1934	2,015	2,626	1,699	661.0	1,123,040	3.29	36,980
1935	1,946	2,550	1,725	755.2	1,302,805	3.13	40,738
1936	2,087	2,737	1,760	799.4	1,336,690	3.71	49,601
1937	1,945	2,561	1,653	799.0	1,320,675	3.21	42,444
1938 ¹	2,183	2,797	1,887	755.1	1,424,825	3.33	47,467

¹ Acres grown alone, plus approximately one-half the interplanted acres.² Preliminary.

Bureau of Agricultural Economics.

TABLE 407.—*Peanuts: Average price per pound, in the shell, received by farmers, United States, 1928-38*

Year beginning September	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Crop year average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1928	5.0	4.6	4.8	5.1	5.0	5.1	5.1	5.2	5.0	5.1	4.9	4.7	4.95
1929	4.6	4.4	4.0	3.8	3.7	3.5	3.5	3.5	3.7	3.6	3.7	3.8	3.80
1930	3.9	4.2	3.8	3.2	3.2	3.6	3.7	3.9	4.1	3.9	3.8	3.6	3.57
1931	3.1	2.3	2.2	2.0	2.0	1.9	2.0	1.9	1.7	1.6	1.4	1.7	2.05
1932	2.0	1.6	1.6	1.2	1.3	1.3	1.5	1.5	2.1	2.3	2.5	2.6	1.54
1933	2.5	2.5	2.7	2.6	2.9	3.1	3.2	3.4	3.4	3.5	3.2	3.3	2.83
1934	3.3	3.2	3.1	3.3	3.5	4.1	4.4	4.4	4.4	4.1	3.9	3.4	3.29
1935	3.4	3.3	3.1	3.0	3.0	3.1	3.0	3.1	3.3	3.3	3.7	3.8	3.13
1936	3.7	3.5	3.3	3.6	4.1	4.1	4.2	4.5	4.4	4.2	4.0	3.7	3.71
1937	3.4	3.2	3.2	3.2	3.3	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.21
1938 ¹	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.4	3.4				3.33

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 534.

TABLE 408.—*Peanuts: Average price per pound to growers, f. o. b. country shipping point basis, 1928-29 to 1937-38*

VIRGINIA TYPE BUNCH

Year	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1928-29	43½	47½	51½	51½	5	43½	49½	43½	43½	43½	43½	43½
1929-30	33½	33½	33½	33½	27½	27½	33½	33½	33½	33½	33½	33½
1930-31	33½	3	33½	33½	33½	33½	37½	4	4	33½	33½	23½
1931-32	17½	19½	11½	11½	19½	19½	11½	11½	11½	17½	17½	19½
1932-33	19½	1	1	1	1	11½	19½	19½	29½	29½	29½	21½
1933-34	21½	29½	27½	3	31½	31½	31½	31½	31½	31½	31½	3
1934-35 ¹	3	31½	33½	4	41½	4	31½	31½	31½	31½	31½	3
1935-36	3	29½	29½	27½	29½	27½	31½	31½	41½	41½	41½	37½
1936-37	39½	35½	49½	49½	49½	49½	49½	49½	49½	49½	39½	3
1937-38	39½	39½	39½	39½	39½	39½	39½	39½	39½	39½	39½	3

SOUTHEASTERN RUNNERS

Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
1928-29			3.5	3.8	3.6	3.7	3.2		2.6			
1929-30		2.2	2.2	2.0	2.0	2.0						
1930-31		2.3	2.2									
1931-32		1.0	1.1	1.0	.8	.8	1.0		.8	0.6	0.8	
1932-33		1.0	.8	.6	.9	.9	1.0	1.1	1.6	1.8		
1933-34		2.1	2.1	2.1	2.4	2.5	2.6	2.5	2.5	2.5	2.5	2.5
1934-35 ¹		2.4	2.5	3.0	3.3	4.2	4.0			3.8		
1935-36	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.6	2.5	3.1	3.2
1936-37	2.5	2.4	2.6	3.2	3.5	3.4	3.7	4.0	3.5	3.3	2.8	2.6
1937-38		2.6	2.7	2.6	2.6	2.6	2.7	2.3	2.3	2.5	2.6	

SOUTHEASTERN SPANISH

Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
1928-29	3.6	3.6	4.3	4.4	4.4	4.2	3.8	3.6	3.6	3.5	3.2	3.2
1929-30	3.4	3.2	3.2	3.0	2.6	2.8	3.1	2.9	2.8	2.8	3.0	3.2
1930-31	3.6	3.2	3.1	2.8	3.0	3.4	3.4	3.6	3.6	3.5	3.2	2.8
1931-32	1.5	1.2	1.2	1.2	1.2	1.2	1.4	1.2	1.0	.8	.8	1.3
1932-33	1.4	1.2	1.1	.9	1.1	1.1	1.2	1.4	2.1	2.4	2.7	2.7
1933-34	2.2	2.4	2.5	2.5	2.8	2.7	2.8	2.6	2.6	2.7	2.7	2.7
1934-35 ¹	2.8	2.7	3.0	3.4	4.0	5.0	5.3	4.7	4.6	4.0	3.4	
1935-36	3.1	2.9	2.9	2.9	2.7	2.7	2.8	2.9	3.0	3.0	3.4	3.3
1936-37	3.2	3.0	3.1	3.8	4.4	4.3	4.5	4.4	4.1	3.5	3.5	2.9
1937-38	2.7	3.0	3.2	3.1	3.2	3.2	3.2	2.9	2.9	3.0	3.0	2.9

SOUTHWESTERN SPANISH

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
1928-29		3.3	3.3	3.3	3.5	3.7	3.6				3.7	
1929-30		3.5	3.1	2.8	2.5	2.2	2.3	2.2	2.1	2.1		
1930-31	4.0	3.7	3.3	3.1	2.5		3.1	3.1				
1931-32	2.8	1.8	1.4	1.6	1.4	1.1	1.0	1.0	1.0	.9	.9	2.5
1932-33	1.6	1.5	.9	.9	.7	.9	1.1	1.3	1.4			
1933-34	2.4	2.5	2.3	2.2	2.2	2.7	2.8	2.8	2.8	2.8		
1934-35 ¹	2.9	3.0	2.8	2.8	3.1	3.5	3.9	4.3				3.7
1935-36	2.9	2.9	2.9	2.9	2.3	2.2	2.5	2.7	3.3	3.2		
1936-37	3.4	2.9	2.9	3.0	3.4	4.2	4.7		4.7			
1937-38	2.9	2.7	3.0	3.0	2.9	3.0	2.9	3.3		3.3		3.3

¹ Farmers signing acreage-restriction contracts, as most commercial producers did, were eligible to receive in addition, from the Department of Agriculture, 0.4 cent per pound for the quantity of peanuts harvested in 1934, or not less than \$2 per acre of the allotted peanut acreage on a farm covered by an A. A. A. contract.

Bureau of Agricultural Economics.

Prices compiled from weekly market news reports on peanuts issued by the Bureau. In the Virginia-North Carolina section peanut growers usually sell by eighth fractions of a cent per pound; in the Southeastern section sales are on a per-ton basis, and in the Southwestern States sales are on a 30-pound bushel basis. For the 2 latter areas, conversions have been made to a per-pound basis.

TABLE 409.—Peanuts: Yearly average price per pound of cleaned and shelled peanuts for prompt shipment, f. o. b. important shipping points, 1926-27 to 1937-38 by approximate crop years ¹VIRGINIA-NORTH CAROLINA SECTION: VIRGINIA, NORTH CAROLINA AND TENNESSEE ²

Classification	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34 ³	1934-35 ⁴	1935-36 ⁴	1936-37	1937-38
Cleaned Virginias:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Jumbos.....	8¾	11¾	8¾	7½	8	3¾	3½	5¾	6¾	7	6¾	6¼
Fancys.....	6¼	7¾	6¾	5¾	6¼	2¾	3¼	4¾	6¾	5¾	5¾	5¾
Extras.....	6¼	6¾	6	5½	5¾	2¾	3	4¾	-----	-----	-----	-----
Shelled Virginias:												
Extra large.....	10¾	12	10¾	8¾	7¾	4½	4	6¾	9¼	8¼	8¼	7¾
No. 1.....	8¾	8	8¾	5¾	6¾	3	3¾	5¾	8¼	6¾	7¾	5¾
No. 2.....	7	5¾	5¾	4½	5¾	2¾	3¼	5	7¾	5¾	6	5

SOUTHEASTERN SECTION: GEORGIA, ALABAMA, AND FLORIDA ³

Shelled:												
Spanish, No. 1.....	9¾	7	6¾	5¾	6¼	2¾	3½	4¾	7¾	5¾	6¾	6¼
Spanish, No. 2.....	8	5¾	5¾	4¾	5¾	2¼	2¾	4½	7¼	5¾	5¾	4¾
Runners, No. 1.....	8¾	6¾	6¾	4¾	5¾	2¾	3	4¾	7¾	5¾	6	5
Runners, No. 2.....	7¾	5¾	5¾	4¾	4¾	2	3¾	4¾	7¼	5¾	5¾	4¾

SOUTHWESTERN SECTION: TEXAS AND OKLAHOMA ⁴

Shelled:												
Spanish, No. 1.....	10¾	7¾	7¾	6	7	3	3¼	5	8¼	6	6¾	5¾
Spanish, No. 2.....	8¾	6¾	6¾	5¾	6¾	2¾	2¾	4¾	7¾	5¾	6¾	5¾

¹ Crop year begins about Nov. 1 in the Virginia-North Carolina section, in early September in the Southeastern States, and in late July or early August in the Southwestern States.

² Shipping points, season beginning Nov. 6, 1938: *Virginia*: Boykins, Courtland, Emporia, Franklin, Petersburg, Suffolk, Wakefield, Zuni. *North Carolina*: Ahoskie, Edenton, Elizabethtown, Enfield, Scotland Neck, Tarboro, Williamston, Wilmington. *Tennessee*: Nashville.

³ Shipping points, season beginning Sept. 4, 1938: *Georgia*: Albany, Americus, Arlington, Ashburn, Bainbridge, Blakely, Cairo, Camilla, Colquitt, Cordele, Dawson, Donaldsonville, Edison, Fitzgerald, Fort Gaines, Hawkinsville, Leary, Leesburg, Macon, Moultrie, Ocilla, Pelham, Savannah, Shellman, Thomasville, Tifton, Valdosta. *Alabama*: Andalusia, Brundidge, Dothan, Enterprise, Eufaula, Florida, Headland, New Brocton, Ozark, Samson, Troy. *Florida*: Greenwood, High Springs, Malone, Marianna. *Mississippi*: Jackson.

⁴ Shipping points, season beginning July 31, 1938: *Texas*: Abilene, Carbon, Comanche, DeLeon, Denison, Dublin, Fort Worth, Houston, Nixon, San Antonio, Stephenville. *Oklahoma*: Colbert, Durant, Hugo.

⁵ Prices from Oct. 1, 1934, to Jan. 6, 1935, include processing tax of 1.05 cents per pound on cleaned peanuts, and 1.5 cents per pound on shelled peanuts.

Bureau of Agricultural Economics. Compiled from weekly market news reports issued by the Bureau. Shellers and cleaners usually sell peanuts in eighth fractions of a cent per pound; more rarely, in decimal fractions. Prices in this table are based on returns from cleaners, shellers, and brokers. They are straight averages.

TABLE 410.—*Peanuts: International trade, averages 1925-34, annual 1936 and 1937*

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
British India.....	1,320,173	0	1,290,773	0	1,325,856	0	1,481,428	0
Senegal.....	951,057	166	915,385	318	1,084,509	10	(²)	10
China.....	408,762	42,314	534,578	3,774	214,242	138	204,056	57
Manchuria.....	(³)	(³)	179,149	619	295,979	411	277,405	107
Nigeria ⁴	400,068	0	634,259	0	732,480	0	1,095,113	0
Gambia.....	134,328	0	142,543	0	117,945	0	189,268	0
Mozambique.....	81,730	32	81,267	303	124,353	103	86,994	186
Netherland India.....	61,251	735	45,803	606	76,168	460	57,271	10
Portuguese Guinea.....	45,492	0	53,036	0	55,644	0	46,928	0
Tanganyika.....	38,592	0	42,665	0	76,561	0	74,769	0
Anglo-Egyptian Sudan.....	12,732	0	8,510	0	9,398	0	14,874	0
French Guinea.....	10,732	2	2,512	3	11,254	0	5,113	0
French Cameroon.....	1,494	0	5,290	0	28,483	0	26,764	0
Brazil.....	439	0	190	0	19	0	0	0
Total.....	3,466,840	43,149	3,935,960	5,623	4,152,891	1,112	3,523,983	350
PRINCIPAL IMPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
France.....	12,863	1,619,507	4,634	2,039,331	3,549	2,154,033	8,013	2,423,395
Germany.....	0	1,311,186	0	1,369,150	0	1,011,159	0	945,783
United Kingdom.....	0	286,186	0	369,661	0	609,683	0	853,781
Italy.....	99	252,338	44	228,534	909	118,643	1,009	747,094
Netherlands.....	3,278	203,972	1,947	265,362	1,570	362,839	1,605	550,899
United States.....	4,569	78,563	2,790	5,235	256	432	407	2,691
Belgium.....	244	61,350	630	63,619	456	176,691	1,552	186,110
Denmark.....	0	40,102	0	71,732	1	71,879	14	82,815
British Malaya.....	12,361	30,390	2,749	24,040	2,684	29,726	2,486	37,625
Canada.....	0	29,783	0	29,894	0	33,043	0	39,775
Japan.....	885	26,603	71	36,494	292	25,707	142	20,189
Sweden.....	0	16,095	0	8,835	0	3,884	0	7,527
Algeria.....	313	10,094	73	15,946	26	13,782	32	19,800
Egypt.....	2,599	6,894	1,112	6,723	559	6,880	2,797	9,592
Tunisia.....	0	4,769	0	5,453	0	6,175	0	7,782
Union of South Africa.....	401	4,524	362	10,124	633	36,428	1,237	41,146
Argentina.....	112	4,029	393	4,223	16,518	0	1,243	21
Australia.....	0	3,442	0	1,576	0	3,307	0	2,161
Philippine Islands.....	0	3,051	309	3,814	251	2,622	1,779	2,319
Poland.....	1	1,847	0	6,485	0	560	0	938
Yugoslavia.....	0	1,578	0	12,632	0	9	0	7
Total.....	37,723	3,996,293	16,174	4,578,863	27,704	4,667,376	22,916	6,011,453

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Not shown prior to 1932; included in data for China.⁴ 3-year average.⁵ Includes British Cameroon.⁶ Java and Madura only.⁷ 4-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Includes shelled and unshelled, assuming the peanuts to be unshelled unless otherwise stated. When shelled nuts were reported they have been reduced to terms of unshelled at the ratio of 3 pounds unshelled to 2 pounds of shelled.

TABLE 411.—*Peanut oil: Peanuts crushed and crude and virgin oil produced in the United States, 1928-38*

Year beginning October	Peanuts crushed ¹					Oil produced				
	October-December	January-March	April-June	July-September	Total	October-December	January-March	April-June	July-September	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1928.....	14,740	10,596	10,392	11,320	56,048	3,569	4,463	2,331	2,614	12,977
1929.....	31,598	50,888	25,606	12,672	120,764	6,723	11,192	6,413	2,751	27,079
1930.....	22,744	23,940	17,950	4,996	69,630	5,159	5,214	4,061	1,134	15,548
1931.....	15,576	14,874	12,750	8,464	51,464	3,320	3,415	2,990	1,843	11,568
1932.....	19,944	13,432	20,260	11,792	65,428	4,597	2,884	4,412	2,909	14,502
1933.....	11,822	11,896	13,164	8,118	45,000	2,658	2,578	2,818	1,738	9,792
1934.....	150,136	48,032	15,594	6,518	220,280	39,912	10,664	3,553	1,467	55,596
1935.....	107,993	72,130	45,225	14,875	240,223	28,989	19,668	12,217	3,424	64,298
1936.....	135,970	115,533	33,265	10,431	295,199	34,905	31,792	8,801	2,414	77,912
1937.....	30,746	83,547	118,039	19,190	251,523	7,749	22,446	31,956	4,812	66,963
1938 ²	70,778	97,747				18,939	27,892			

¹ Quantities reported in terms of hulled have been converted to in-the-hull basis by multiplying by 1.5. The production of meal is usually about 65 percent of the weight of the peanuts crushed, on shelled basis.

² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils.

TABLE 412.—*Peanut oil: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
PRINCIPAL EXPORTING COUNTRIES	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
France.....	70,810	10,793	91,764	10,075	82,831	1,370	83,332	2,102	118,617	3,239
China.....	70,538	0	69,287	0	85,089	0	68,582	0	914	0
Manchuria.....	(²)	(²)	250	0	24	0	5	0	3,522	0
Germany.....	58,861	8,040	45,217	1,929	2,642	140	320	804	737	2,420
Netherlands India.....	4,262	1,676	8,106	2,018	10,919	1,103	15,927	981	19,983	33
Denmark.....	4,046	1,203	13,590	1,205	18,732	237	15,190	4	24,698	17
Netherlands.....	31,567	58,871	44,206	9,515	97,857	1,602	64,676	4,332	102,752	4,480
Total.....	240,084	80,583	272,400	24,742	298,094	4,452	248,032	8,223	271,223	10,189
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	21,326	37,167	6,464	25,231	30,206	20,882	38,284	15,408	57,449	12,598
Algeria.....	364	29,372	831	59,541	122	53,732	56	54,098	369	65,115
British Malaya.....	2,450	26,777	2,704	24,547	2,438	15,476	2,101	19,533	2,587	22,096
Canada.....	0	20,992	0	43,506	0	61,994	0	64,738	0	77,912
Italy.....	114	13,388	79	695	0	1,097	1	1,306	703	
Belgium.....	4,358	9,717	2,608	18,689	2,985	11,457	4,860	12,906	3,136	14,272
Norway.....	0	7,782	346	2,359	544	1,284	424	1,061	1,179	1,293
Sweden.....	2,177	7,275	768	7,135	533	4,767	601	6,875	1,443	7,880
United States.....	0	4,427	0	7,156	0	80,723	0	49,006	0	57,999
Tunisia.....	0	4,283	0	3,234	0	1,379	0	6,024	0	26,238
Philippine Islands.....	0	4,163	0	3,856	0	776	0	800	0	1,480
Czechoslovakia.....	386	3,360	391	6,544	0	2,237	0	4,193	0	3,314
Finland.....	0	2,367	0	1,384	0	660	0	681	0	1,020
Morocco.....	0	1,878	0	6,582	0	6,099	0	7,990	0	11,757
Guadeloupe ⁴	* 1	1,310	7	2,530	0	1,759	9	1,777	0	
Martinique ⁴	* 162	499	9	4,233	0	1,772	0	2,801	0	
Madagascar.....	* 18	* 437	35	637	86	723	70	641	164	569
Total.....	31,356	175,194	14,242	217,899	36,915	266,797	46,406	249,035	67,633	304,246

¹ Preliminary.

² Not shown prior to 1932; included in data for China.

³ 3-year average.

⁴ Java and Madura only.

⁵ International Yearbook of Agricultural Statistics.

⁶ 4-year average.

⁷ 2-year average.

⁸ Includes a small quantity of sesame oil.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Conversions made on the basis of 7.5 pounds to the gallon.

TABLE 413.—*Peas, dry field: Acreage, yield, production, Dec. 1 price per bushel received by farmers, and value, United States, 1928-35*¹

Year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars		1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1928.....	185	16.8	3,103	-----	-----	1934.....	205	16.2	4,781	1.61	7,687
1929.....	225	13.3	2,993	-----	-----	1935.....	343	16.8	5,767	1.31	7,532
1930.....	273	14.9	4,068	-----	-----	1936.....	261	17.0	4,432	1.37	6,081
1931.....	204	14.6	3,861	-----	-----	1937.....	233	21.6	5,454	1.01	5,532
1932.....	234	15.4	3,613	-----	-----	1938 ¹	203	16.8	3,418	1.10	3,764
1933.....	275	16.3	4,469	1.55	6,784						

¹ These figures are for the States in which peas are grown commercially in material quantities and do not include cowpeas.

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 414.—*Peas, dry, field: Acreage, yield, production, and Dec. 1 price per bushel received by farmers, by States, average 1928-36, annual 1937 and 1938*¹

State	Acreage harvested			Yield per acre			Production			Dec. 1 price	
	Average 1928-36	1937	1938 ¹	Average 1928-36	1937	1938 ²	Average 1928-36	1937	1938 ³	1937	1938
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars
Michigan.....	19	11	10	10.7	9.0	14.0	203	99	140	1.50	1.50
Wisconsin.....	22	5	6	13.1	12.0	14.0	297	60	84	2.00	2.10
Montana.....	25	18	19	15.8	19.0	18.0	401	342	342	1.60	1.65
Idaho.....	77	63	54	18.7	21.0	20.0	1,433	1,323	1,080	1.35	1.20
Colorado.....	41	26	22	9.3	10.0	9.0	402	260	198	.90	.90
Washington.....	96	129	90	17.2	26.0	17.0	1,538	3,354	1,530	.80	.85
Oregon.....	-----	1	2	-----	16.0	22.0	-----	16	44	.85	.90
United States.....	262	253	203	15.7	21.6	16.8	4,120	5,454	3,418	1.01	1.10

¹ These figures are for the States in which peas are grown commercially in material quantities and do not include cowpeas.

² Preliminary.

³ Season average price.

⁴ Short-time average.

Bureau of Agricultural Economics.

TABLE 415.—*Alfalfa seed: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1919-38*

Year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	Acres	Bu.	Bushels	Dol.	1,000 dol.		Acres	Bu.	Bushels	Dol.	1,000 dol.
1919.....	146,700	2.26	332,200	18.01	5,984	1929.....	519,500	1.91	993,500	12.04	11,962
1920.....	162,000	2.39	387,100	11.80	4,566	1930.....	545,200	2.23	1,215,300	10.78	13,102
1921.....	212,200	2.27	481,800	8.78	4,232	1931.....	436,600	2.00	874,400	7.30	6,379
1922.....	195,900	2.60	509,300	9.08	4,626	1932.....	349,600	1.78	620,800	5.52	3,427
1923.....	218,400	2.55	557,800	10.62	5,925	1933.....	572,100	1.88	1,073,900	6.07	6,522
1924.....	325,900	2.75	895,000	11.27	10,089	1934.....	581,500	1.90	1,102,600	9.96	10,985
1925.....	364,700	2.85	1,037,900	10.79	11,260	1935.....	496,600	2.06	1,004,200	7.89	7,920
1926.....	397,300	2.37	941,500	10.44	9,827	1936.....	578,700	1.53	887,800	11.89	10,555
1927.....	289,300	2.90	838,000	9.89	8,290	1937.....	511,400	1.92	981,000	14.03	13,767
1928.....	277,900	2.35	653,900	11.86	7,757	1938 ¹	583,900	1.71	998,000	10.59	10,568

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 416.—*Timothy seed: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1919-38*

Year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bu.</i>	<i>Bushels</i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.</i>	<i>Bushels</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1919.....	717,300	3.56	2,556,600	-----	-----	1929.....	437,300	3.15	1,377,600	1.97	2,716
1920.....	699,000	3.58	2,501,300	-----	-----	1930.....	435,700	3.86	1,680,200	2.50	4,195
1921.....	619,300	3.50	2,168,600	-----	-----	1931.....	608,900	3.90	2,373,700	1.38	3,284
1922.....	635,400	3.67	2,329,500	-----	-----	1932.....	454,500	3.59	1,629,600	.94	1,534
1923.....	632,600	3.61	2,282,500	-----	-----	1933.....	325,500	2.86	930,500	1.93	1,798
1924.....	735,000	3.42	2,512,600	3.19	8,025	1934.....	141,600	1.89	267,100	6.54	1,748
1925.....	590,100	3.22	1,899,100	3.28	6,237	1935.....	995,000	4.27	4,246,800	1.09	4,624
1926.....	678,000	3.61	2,446,800	2.71	6,025	1936.....	377,900	2.45	926,800	2.67	2,379
1927.....	776,800	3.82	2,968,800	1.81	5,371	1937.....	583,700	4.33	2,529,300	1.20	3,039
1928.....	350,500	3.35	1,175,700	2.13	2,508	1938 ¹	447,300	3.34	1,494,500	1.19	1,782

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 417.—*Clover seed (red and alsike): Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1919-38*

Year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bu.</i>	<i>Bushels</i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.</i>	<i>Bushels</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1919.....	1,122,300	1.15	1,288,000	26.93	34,691	1929.....	2,100,700	1.26	2,645,600	10.44	27,633
1920.....	1,465,900	1.36	1,993,200	12.25	24,425	1930.....	1,115,900	1.20	1,341,800	11.63	15,606
1921.....	1,067,200	1.28	1,363,900	10.58	14,432	1931.....	924,200	1.24	1,149,500	7.22	8,295
1922.....	1,490,700	1.11	1,655,700	10.18	16,858	1932.....	1,064,600	1.36	1,451,900	5.02	7,288
1923.....	975,100	1.15	1,124,800	12.19	13,718	1933.....	1,188,300	1.24	1,474,300	6.21	9,156
1924.....	1,103,000	1.03	1,132,600	14.29	16,189	1934.....	981,000	1.07	1,050,500	10.98	11,537
1925.....	1,016,000	1.10	1,121,600	15.25	17,102	1935.....	863,000	1.36	1,169,800	8.81	10,309
1926.....	725,500	1.08	784,300	18.22	14,287	1936.....	1,044,100	1.12	1,172,400	14.42	16,904
1927.....	1,573,500	1.18	1,859,300	15.86	29,497	1937.....	454,600	1.60	728,400	17.58	12,805
1928.....	749,500	1.36	1,021,700	16.58	16,935	1938 ¹	1,876,000	1.17	2,204,200	7.86	17,315

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 418.—*Sweetclover seed: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1924-33*

Year	Acreage harvested	Average yield per acre	Production	Price	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bu.</i>	<i>Bushels</i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.</i>	<i>Bushels</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1924.....	212,600	3.50	744,600	-----	-----	1932.....	210,700	3.19	671,500	1.45	975
1925.....	275,400	3.65	1,006,200	-----	-----	1933.....	209,500	3.25	681,000	2.20	1,498
1926.....	285,700	3.63	1,037,700	-----	-----	1934.....	198,200	3.27	648,400	4.05	2,624
1927.....	314,600	3.75	1,178,200	-----	-----	1935.....	207,300	3.37	698,900	2.32	1,618
1928.....	246,600	3.67	901,800	-----	-----	1936.....	313,700	2.45	770,000	4.87	3,747
1929.....	290,800	3.94	1,146,000	-----	-----	1937.....	249,900	3.27	817,000	4.15	3,389
1930.....	216,500	3.54	765,700	3.44	2,636	1938 ¹	390,500	2.34	913,900	2.57	2,351
1931.....	249,600	3.24	807,500	2.61	2,108						

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 419.—*Lespedeza seed: Acreage, yield, production, season average price per 100 pounds received by farmers, and value, United States, 1924-33*¹

Year	Acreage harvested	Average yield per acre	Production	Price per 100 lb.	Farm value	Year	Acreage harvested	Average yield per acre	Production	Price per 100 lb.	Farm value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1924.....	26,000	88.2	2,292	-----	-----	1932.....	151,100	144.5	21,834	-----	-----
1925.....	29,500	102.5	3,023	-----	-----	1933.....	265,500	179.2	47,566	-----	-----
1926.....	29,000	115.2	3,342	-----	-----	1934.....	368,900	184.5	68,068	-----	-----
1927.....	34,400	114.2	3,928	-----	-----	1935.....	370,300	163.4	60,510	5.00	3,027
1928.....	37,500	102.5	3,845	-----	-----	1936.....	271,800	141.1	38,364	11.69	4,486
1929.....	52,000	104.7	5,446	-----	-----	1937.....	541,000	208.2	112,655	4.88	5,503
1930.....	55,500	100.6	5,586	-----	-----	1938 ¹	703,000	269.1	189,210	3.21	6,077
1931.....	100,700	140.0	14,095	-----	-----						

¹ Minor States not included.² Preliminary.

Bureau of Agricultural Economics.

TABLE 420.—*Field seeds: Production in the United States, average 1927-36, annual 1922-33*

Kind	Unit	Average 1927-36	1922	1923	1924	1925	1926	1927	1928	1929	1930 ^a	1931	1932	1933	1934	1935	1936	1937	1938 ¹
Crimson clover.....	1,000 pounds.....	870	350	450	300	300	175	300	350	350	500	1,000	1,200	1,500	1,000	1,500	1,000	1,500	2,250
White clover.....	1,000 pounds.....	998	1,200	1,000	800	1,300	1,500	1,700	1,200	1,500	1,200	1,000	775	900	900	300	500	300	180
Meadow fescue ²	1,000 pounds.....	1,040	1,500	2,700	1,000	1,750	1,300	2,500	1,300	1,700	1,000	900	600	550	550	900	400	325	125
Redtop ³	1,000 pounds.....	11,100	9,750	11,250	10,500	6,000	8,250	18,000	14,250	7,500	7,500	18,000	13,750	7,500	6,000	9,750	6,750	18,500	15,000
Sudan grass.....	1,000 pounds.....	31,500	12,500	18,000	24,000	28,000	37,000	37,000	30,000	30,000	23,000	30,000	14,000	20,000	17,000	55,000	35,000	35,000	50,000
Kentucky bluegrass ⁴	1,000 bushels.....	1,225	1,250	1,200	1,200	28,800	23,050	1,400	300	1,350	23,775	8,500	1,400	1,300	1,400	2,700	1,500	3,500	4,000
Orchard grass.....	1,000 bushels.....	1,225	280	100	175	145	395	195	235	250	215	415	140	275	175	265	125	275	135

¹ Preliminary.² Reclaimed seed.³ Rough, cured seed.⁴ Thresher run seed.

Bureau of Agricultural Economics.

TABLE 421.—*Alfalfa seed, timothy seed, clover seed (red and alsike), sweetclover seed, and lespedeza seed: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938*

ALFALFA SEED

State	Acreage harvested		Yield per acre		Production		Price for crop of—	
	Average 1927-36	1937	Average 1927-36	1937	Average 1927-36	1937	1937	1938 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>
Ohio.....	18,062	2,000	1.3	1.0	21,262	2,000	16.00	10.00
Indiana.....	18,760	1,000	1.9	1.5	35,450	1,500	17.80	10.60
Michigan.....	18,822	400	1.1	1.0	20,700	400	18.00	10.00
Wisconsin.....	17,562	59,300	1.1	1.2	20,200	71,200	18.10	14.20
Minnesota.....	34,130	67,000	1.4	1.4	48,980	95,800	15.50	11.00
Iowa.....	17,375	10,000	1.5	1.4	10,880	14,000	17.70	13.60
North Dakota.....	17,900	20,000	1.0	1.0	17,820	20,000	15.30	12.20
South Dakota.....	43,070	9,000	1.0	1.0	48,580	9,000	16.10	12.30
Nebraska.....	43,900	50,000	1.4	1.2	61,250	60,000	15.10	11.00
Kansas.....	53,400	43,000	1.8	1.7	94,070	73,100	13.60	10.60
Missouri.....	22,000	34,000	2.7	2.7	88,800	91,800	10.00	8.20
Oklahoma.....	2,890	34,800	2.7	2.5	8,420	19,800	10.20	8.20
Texas.....	42,700	12,000	2.0	1.6	86,980	19,200	15.80	12.40
Montana.....	37,200	42,000	3.0	2.0	114,480	84,000	16.70	12.60
Idaho.....	15,000	23,800	2.3	2.0	34,720	47,600	14.30	11.70
Wyoming.....	10,010	14,000	2.8	2.5	27,840	35,000	14.50	10.50
Colorado.....	3,410	6,500	3.5	4.5	11,910	29,200	11.40	9.20
New Mexico.....	19,460	20,000	4.8	5.5	91,700	130,000	10.00	8.80
Arizona.....	27,300	30,000	2.7	2.7	74,010	81,000	15.60	11.80
Utah.....	27,000	17,000	2.7	3.0	8,220	12,000	15.60	11.80
Oregon.....	14,580	16,000	3.4	3.3	50,920	52,800	12.20	9.60
California.....	463,690	511,400	2.05	1.92	926,440	981,000	14.03	10.59
United States.....	583,900	583,900	1.71	1.71	926,440	981,000	14.03	10.59

¹ Preliminary.² Short-time average.

TABLE 421.—*Alfalfa seed, timothy seed, clover seed (red and alsike), sweetclover seed, and lespedeza seed: Average, yield, production, and season average price per bushel received by farmers, by States, average 1927-36, annual 1937 and 1938—Continued*

State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>
Pennsylvania.....	5,580	2,000	2,500	2.7	2.4	2.2	14,960	4,800	5,600	1.80	1.95
Ohio.....	37,200	61,000	23,000	3.1	3.2	2.7	123,850	195,200	62,000	1.30	1.30
Indiana.....	19,100	37,000	13,000	2.9	4.2	2.8	60,580	155,400	36,000	1.30	1.35
Illinois.....	68,380	63,000	50,000	2.6	3.4	2.3	196,260	214,270	115,000	1.30	1.25
Wisconsin.....	10,740	11,700	9,800	3.1	3.5	2.9	35,100	41,000	28,000	1.40	1.40
Minnesota.....	34,390	28,000	23,000	3.7	4.2	3.7	130,200	117,600	107,000	1.15	1.15
Maryland.....	220,000	282,000	245,000	3.0	4.8	3.7	931,450	1,401,600	918,000	1.15	1.15
Kentucky.....	224,000	181,000	174,000	3.0	4.8	3.7	674,400	868,800	654,000	1.15	1.15
Idaho.....	1,810	81	81	2.4	3.5	3.1	4,404	288	225,000	1.85	1.25
North Dakota.....	2,570	1,000	-----	2.4	3.5	-----	6,150	3,500	-----	1.85	-----
United States.....	490,370	583,700	447,300	3.31	4.33	3.34	1,767,650	2,529,300	1,494,500	1.30	1.19

CLOVER SEED (RED AND ALSIKE)											
State	Acreage harvested			Yield per acre			Production			Price for crop of—	
	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	Average 1927-36	1937	1938 ¹	1937	1938 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	8,100	7,000	14,000	1.7	1.5	1.5	12,800	10,500	21,000	19.10	11.00
Pennsylvania.....	16,520	6,500	18,000	1.2	1.0	1.0	15,920	5,800	18,000	18.80	9.50
Ohio.....	186,400	104,000	468,000	1.2	1.2	.9	217,670	104,000	421,000	18.60	7.80
Illinois.....	186,700	20,000	310,000	.9	1.2	1.1	173,100	24,000	341,000	19.30	8.00
Indiana.....	162,400	21,000	284,000	.9	.9	1.1	161,800	18,900	312,000	19.30	8.00
Michigan.....	180,000	82,000	284,000	1.2	1.2	1.2	161,880	98,400	314,000	17.80	8.00
Wisconsin.....	92,810	74,000	74,000	1.3	1.3	1.4	123,120	38,500	104,000	17.80	8.00
Minnesota.....	38,500	38,000	38,000	2.0	1.9	1.9	107,000	67,000	104,000	17.80	8.00
Iowa.....	122,600	8,000	121,000	1.0	1.0	2.9	102,920	7,200	109,000	19.40	8.00
Missouri.....	53,200	10,000	80,000	1.0	.9	1.1	53,110	9,600	88,000	19.40	8.00
Nebraska.....	13,600	1,000	1,000	1.3	1.3	1.5	18,060	1,300	1,300	17.50	9.00
Kansas.....	15,000	1,000	1,000	.7	.9	.7	11,320	900	700	17.40	9.00
Maryland.....	18,150	33,000	66,000	1.4	1.2	1.2	24,020	36,600	70,000	15.80	8.50
Virginia.....	8,990	8,000	11,000	1.1	1.5	1.0	11,160	12,000	11,000	17.10	8.20
Kentucky.....	9,380	6,000	13,000	1.5	1.5	1.6	13,240	9,000	22,000	17.60	8.00
Tennessee.....	29,000	18,000	25,000	4.5	2.8	3.0	122,500	40,000	10,000	17.60	8.00
Idaho.....	24,000	60,000	57,000	2.3	2.8	3.0	62,480	184,800	171,000	17.10	8.00
Oregon.....	1,100,460	484,600	1,876,000	1.24	1.60	1.17	1,433,690	728,400	2,204,200	17.38	7.86
United States.....	1,100,460	484,600	1,876,000	1.24	1.60	1.17	1,433,690	728,400	2,204,200	17.38	7.86

SWETCLOVER SEED

Ohio.....	6,300	11,000	7,000	2.6	2.3	2.1	16,230	25,300	14,700	4.55	3.00
Indiana.....	3,300	11,000	6,000	2.7	2.5	2.7	17,000	10,000	14,000	4.30	2.90
Illinois.....	15,500	17,000	33,000	2.7	2.6	2.5	41,290	47,600	76,000	5.30	3.35
Wisconsin.....	66,700	5,400	6,500	3.4	3.5	3.5	\$8,286	18,900	23,000	4.90	3.55
Minnesota.....	16,200	124,000	174,000	4.2	3.6	2.8	202,160	471,200	400,000	3.55	2.80
Iowa.....	4,100	16,000	24,000	3.0	2.3	2.2	50,390	36,800	53,000	4.40	3.10
Missouri.....	43,000	6,000	32,000	2.5	2.6	2.2	10,260	13,500	70,000	5.50	2.90
North Dakota.....	43,000	21,000	32,000	3.4	3.5	2.2	155,140	73,500	70,000	4.45	2.45
South Dakota.....	35,980	18,000	20,000	3.2	2.5	1.9	125,270	46,000	38,000	3.00	2.20
Nebraska.....	22,600	15,000	15,000	2.5	2.4	2.6	59,390	25,000	43,000	4.50	2.40
Kansas.....	22,600	10,000	15,000	2.5	2.5	2.6	59,390	25,000	43,000	4.50	2.40
Montana.....	5,150	5,000	15,000	2.4	2.5	3.5	12,680	12,500	52,000	4.90	2.35
Wyoming.....	3,900	3,000	4,000	4.4	3.0	3.0	18,240	10,000	12,000	4.40	2.75
Colorado.....	3,900	2,500	3,000	4.4	4.0	4.0	18,240	10,000	12,000	4.40	2.10
United States.....	245,690	246,900	380,500	3.37	3.27	2.34	826,910	817,000	913,900	4.15	2.57

LESPEDeza SEED

Indiana.....	20,000	25,000	25,000	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dol. per 100 lb.	Dol. per 100 lb.
Michigan.....	23,000	28,000	28,000	170	145	225	2,900	3,910	5,625	4.80	2.90
Minnesota.....	27,000	30,000	30,000	260	170	230	3,910	6,440	6,440	4.65	2.85
North Carolina.....	12,000	30,000	30,000	260	260	250	6,750	7,500	2,000	5.10	3.25
Kentucky.....	\$6,553	140,000	177,000	\$139	190	220	\$2,983	26,600	38,940	5.30	4.00
Tennessee.....	53,300	132,000	166,000	138	200	300	\$8,657	26,400	49,800	4.70	3.00
Mississippi.....	43,500	143,000	172,000	128	245	315	5,930	35,035	54,180	4.65	3.00
Arkansas.....	3,290	3,000	2,500	95	120	100	3,322	360	260	5.80	3.00
Louisiana.....	4,110	10,000	20,000	110	200	230	456	2,000	4,600	5.00	3.00
United States.....	170,770	541,000	703,000	137.5	208.2	269.1	26,924	112,655	189,210	4.88	3.21

: Preliminary.

: Short-time average.

: Minor States not included.

Bureau of Agricultural Economics.

TABLE 422.—*Alfalfa seed: Average price per bushel received by farmers, United States, 1928-38*

Year beginning July	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	10.24	10.38	10.25	10.71	11.96	12.69	12.67	13.19	13.84	14.19	14.69	14.91	11.86
1929.....	14.68	13.52	12.85	11.68	10.83	11.10	11.15	11.16	11.97	11.97	12.38	12.05	12.04
1930.....	12.10	11.91	11.36	10.68	10.18	9.86	9.97	10.20	9.91	9.89	9.70	9.64	10.78
1931.....	9.98	9.69	8.35	6.94	6.58	6.97	6.36	6.58	6.67	6.79	6.68	6.47	7.30
1932.....	6.53	5.98	5.59	5.25	5.19	5.42	5.68	5.89	5.93	6.32	6.64	6.52	5.52
1933.....	7.10	7.05	6.31	5.52	5.12	5.10	5.32	5.90	6.27	6.14	6.19	6.70	6.07
1934.....	6.77	7.02	9.35	10.46	10.27	10.45	10.83	11.25	11.53	11.82	11.28	10.51	9.96
1935.....	9.49	9.09	8.73	7.80	7.50	7.28	7.37	7.38	7.85	8.03	8.34	8.32	7.89
1936.....	8.52	9.63	10.85	11.34	11.84	12.14	12.37	13.01	14.14	14.69	14.85	14.48	11.89
1937.....	14.17	13.52	13.77	14.88	14.55	13.68	13.67	14.53	15.48	15.88	15.65	15.28	14.03
1938.....	14.35	11.88	9.97	9.72	10.39	10.71	11.15	11.17	11.52	12.25	12.29	-----	10.59

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 533.

TABLE 423.—*Timothy seed: Average price per bushel received by farmers, United States, 1928-38*

Year beginning August	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	1.86	1.91	2.08	2.20	2.20	2.41	2.49	2.62	2.67	2.65	2.56	2.36	2.13
1929.....	1.69	1.88	2.02	2.17	2.25	2.46	2.37	2.51	2.67	2.69	2.65	2.53	1.97
1930.....	2.51	2.62	3.06	3.11	3.09	3.29	3.32	3.58	3.61	3.43	3.16	2.33	2.50
1931.....	1.38	1.43	1.44	1.46	1.54	1.53	1.62	1.59	1.61	1.39	1.20	1.38	1.38
1932.....	1.91	.93	.88	.92	.95	.98	.99	1.01	1.02	1.10	1.10	1.38	.94
1933.....	1.65	1.83	2.13	2.20	2.18	2.13	2.59	2.94	2.96	2.75	3.25	3.29	1.93
1934.....	4.65	7.54	7.51	7.37	7.68	7.86	8.26	8.38	8.71	8.48	7.57	2.84	6.54
1935.....	1.32	1.13	1.13	1.19	1.20	1.27	1.28	1.27	1.28	1.27	1.28	1.90	1.09
1936.....	2.62	2.66	2.56	2.52	2.59	2.67	2.80	2.68	2.63	2.44	2.25	1.68	2.57
1937.....	1.14	1.09	1.22	1.17	1.19	1.40	1.40	1.49	1.43	1.40	1.26	1.25	1.20
1938.....	1.22	1.22	1.19	1.19	1.19	1.24	1.33	1.33	1.41	1.43	-----	-----	1.19

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 533.

TABLE 424.—*Clover seed, red: Average price per bushel received by farmers, United States, 1928-38*

Year beginning September	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Crop year average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928.....	16.26	16.49	16.68	16.81	16.96	17.37	17.54	17.96	17.90	17.62	17.17	16.30	16.68
1929.....	12.48	10.68	9.75	9.94	9.92	9.95	10.03	10.23	10.23	10.40	10.34	11.01	10.44
1930.....	11.65	12.47	12.55	11.76	11.78	11.64	11.54	11.59	11.80	11.84	10.76	10.08	11.63
1931.....	7.99	6.73	6.97	7.34	7.27	7.31	7.58	7.69	7.58	7.19	6.77	6.79	7.22
1932.....	5.34	4.70	4.61	4.67	4.73	4.78	4.95	5.25	5.46	5.58	6.04	6.28	5.02
1933.....	5.83	5.72	6.00	6.10	6.40	6.99	7.39	7.04	7.21	7.40	7.28	8.39	6.21
1934.....	10.17	10.98	10.98	11.48	11.89	12.56	12.41	12.41	11.92	10.89	9.76	8.72	10.98
1935.....	8.29	8.09	8.25	8.54	8.89	9.41	9.63	10.34	10.48	9.78	9.37	11.16	8.81
1936.....	12.29	13.44	14.09	14.86	15.55	16.44	18.48	18.92	18.29	17.30	16.31	16.03	14.42
1937.....	17.81	18.05	17.38	16.83	17.37	18.39	18.64	19.17	18.64	17.75	16.35	8.54	17.58
1938.....	6.88	7.69	7.90	8.34	8.62	8.66	8.65	8.85	8.63	-----	-----	-----	17.86

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by production to obtain a price for the United States; average for the year obtained by weighting State price averages for the crop-marketing season. Data for earlier years in December 1935 issue of Crops and Markets, p. 533.

TABLE 425.—Field seeds: Average wholesale price, January to May, for best grades at important markets, 1922-33

Kind	Market	Unit	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Alfalfa	Kansas City	100 pounds	17.95	20.05	22.25	22.85	20.40	19.90	21.90	23.05	24.80	22.55	13.65	13.60	13.00	19.90	15.20	20.60	34.00
Red clover	Chicago	100 pounds	13.90	20.95	22.95	23.90	34.00	42.50	37.40	37.90	33.65	21.35	25.05	16.35	11.40	23.65	20.00	38.25	40.00
Alsike clover	do	100 pounds	13.90	20.95	22.95	23.90	34.00	42.50	37.40	37.90	33.65	21.35	25.05	16.35	11.40	23.65	20.00	38.25	40.00
Sweet clover	Minneapolis	100 pounds	18.55	12.40	15.30	12.30	12.30	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65
White clover	Chicago	100 pounds	34.15	57.10	43.70	46.00	30.60	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65	33.65
Crimson clover	Baltimore	100 pounds	10.80	15.80	8.25	7.30	7.10	14.25	18.45	12.00	14.35	14.70	8.00	4.90	6.50	10.40	6.25	17.00	11.35
Lepidol	Louisville	100 pounds	17.10	19.00	20.80	19.60	15.75	13.45	17.65	16.55	14.05	14.70	8.00	4.90	6.50	10.40	6.25	17.00	11.35
Timothy	Chicago	100 pounds	7.00	7.00	7.95	6.80	7.95	5.95	4.75	6.55	8.05	10.55	4.30	3.25	5.50	12.05	7.55	13.60	10.35
Do	do	100 pounds	22.65	18.70	13.60	14.40	31.25	25.30	13.10	14.60	16.50	24.30	8.40	8.30	8.40	13.95	9.35	21.50	11.50
Kentucky blue grass	Kentucky City	100 pounds	53.50	25.90	23.10	23.00	33.05	20.55	19.70	31.30	20.00	35.35	13.45	8.35	13.40	23.20	12.30	18.35	10.65
Orehard grass	Louisville	100 pounds	22.85	16.90	16.05	19.50	13.80	17.45	16.70	17.15	16.05	10.75	5.50	4.15	7.05	18.00	7.00	10.50	8.85
Meadow fescue	Kansas City	100 pounds	13.90	17.35	26.00	23.20	33.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00
Chewing fescue	Baltimore	100 pounds	60.00	47.35	26.00	23.20	33.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00
Sheep's fescue	do	100 pounds	40.00	39.00	22.25	15.90	24.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00
German mixed bent	do	100 pounds	135.00	155.00	124.00	72.55	113.10	58.05	52.70	55.55	53.80	31.35	16.25	12.10	10.55	10.55	32.70	43.00	55.10
Bermuda grass	Minneapolis	100 pounds	29.20	21.35	38.50	45.00	40.00	37.70	25.55	32.00	33.80	31.35	16.25	12.10	10.55	10.55	32.70	43.00	55.10
Italian ryegrass	Baltimore	100 pounds	8.55	11.45	11.40	11.05	9.00	9.00	10.30	12.00	13.50	20.00	14.00	8.00	16.20	23.00	13.45	23.00	19.40
Perennial ryegrass	do	100 pounds	8.55	11.45	11.40	11.05	9.00	9.00	10.30	12.00	13.50	20.00	14.00	8.00	16.20	23.00	13.45	23.00	19.40
Domestic ryegrass	do	100 pounds	2.05	3.75	3.80	5.00	3.10	3.25	2.45	3.45	3.45	3.70	8.85	7.10	11.40	11.90	10.20	11.30	9.00
German millet	Kansas City	100 pounds	2.30	3.75	3.80	5.00	3.10	3.25	2.45	3.45	3.45	3.70	8.85	7.10	11.40	11.90	10.20	11.30	9.00
Common millet	Minneapolis	100 pounds	2.30	3.75	3.80	5.00	3.10	3.25	2.45	3.45	3.45	3.70	8.85	7.10	11.40	11.90	10.20	11.30	9.00
Siberian millet	do	100 pounds	2.30	3.75	3.80	5.00	3.10	3.25	2.45	3.45	3.45	3.70	8.85	7.10	11.40	11.90	10.20	11.30	9.00
Hungarian millet	Chicago	100 pounds	2.55	3.10	4.05	5.00	3.25	4.15	4.10	3.75	4.10	3.50	2.25	1.45	0.65	0.10	2.75	3.40	2.35
Japanese millet	do	100 pounds	4.50	2.85	2.80	3.95	5.05	6.95	8.90	5.25	4.20	3.70	3.25	2.90	1.45	0.65	2.75	3.40	2.35
Barnyard millet	Minneapolis	100 pounds	2.30	3.10	2.40	3.45	3.40	3.35	2.55	2.40	2.30	2.40	1.95	1.90	2.20	4.30	2.25	2.75	2.30
Amber sorghum	Kansas City	100 pounds	1.95	4.25	1.75	2.70	3.25	2.80	2.80	2.30	3.45	2.80	1.20	1.15	1.00	5.65	2.70	3.95	1.85
Orange sorghum	do	100 pounds	2.05	4.30	2.05	2.35	2.85	2.80	2.80	2.30	3.45	2.80	1.20	1.15	1.00	5.65	2.70	3.95	1.85
Sudan grass	Baltimore	100 pounds	6.35	6.20	5.50	7.00	6.30	6.70	3.60	5.80	5.20	2.80	1.25	1.20	2.10	5.40	2.70	3.95	1.85
Rape	do	100 pounds	12.25	14.80	10.45	8.90	12.25	15.10	9.20	10.10	9.20	10.10	9.20	10.10	9.20	10.10	9.20	10.10	9.20
Hairy vetch	do	100 pounds	4.80	5.15	4.00	4.25	4.40	5.00	4.50	4.40	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
Common vetch	do	100 pounds	5.50	5.80	4.90	5.40	4.60	5.15	5.25	5.15	5.25	5.15	5.25	5.15	5.25	5.15	5.25	5.15	5.25
Kentucky field peas	Minneapolis	100 pounds	1.60	2.10	1.90	2.45	2.25	1.75	1.95	1.95	2.05	1.75	1.15	1.05	1.40	3.20	2.80	3.00	2.25
Canary seed	Kansas City	Bushel	2.25	2.60	3.25	3.90	4.25	2.15	2.05	2.35	2.25	2.15	1.75	.95	1.45	1.00	1.95	2.50	1.50
Sorghums	Baltimore	Bushel	1.95	1.75	1.70	2.65	2.30	2.40	1.85	1.85	1.80	1.75	1.65	1.20	1.45	1.00	1.95	2.50	1.50
Seed corn	Chicago	Bushel	1.95	1.75	1.70	2.65	2.30	2.40	1.85	1.85	1.80	1.75	1.65	1.20	1.45	1.00	1.95	2.50	1.50
Seed wheat	Minneapolis	Bushel	.85	.95	.75	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85
Seed oats	do	Bushel	.85	.95	.75	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85
Seed barley	do	Bushel	.85	.95	.75	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85
Seed rye	do	Bushel	.85	.95	.75	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85	.85
Seed buckwheat	do	Bushel	1.80	1.35	1.30	1.85	1.45	1.35	1.60	1.55	1.50	1.30	1.05	.95	1.45	1.00	1.90	1.15	1.15

Bureau of Agricultural Economics.

TABLE 426.—Field seeds: Domestic exports of selected kinds, 1922-38

Year	Alfalfa	Red clover	Clover, other than red	Timothy	Other grass seeds
	Pounds	Pounds	Pounds	Pounds	Pounds
1922	1,025,129	2,015,891	2,477,902	18,120,790	4,198,992
1923	399,346	800,550	850,531	18,870,181	4,004,157
1924	363,369	516,225	1,131,945	16,535,051	4,070,332
1925	1,332,992	415,921	721,298	12,484,598	5,805,585
1926	741,516	583,980	1,168,945	13,685,157	5,888,540
1927	1,393,474	1,279,867	792,734	16,669,986	5,659,642
1928	781,920	455,738	389,951	12,230,398	5,257,668
1929	825,830	523,535	427,492	9,195,022	8,194,009
1930	832,965	535,472	708,979	15,828,571	6,419,390
1931	218,044	670,304	256,818	10,476,344	5,189,679
1932	1,564,641	297,899	318,867	10,860,662	3,509,375
1933	1,198,796	3,025,438	133,863	5,009,247	3,957,223
1934	958,901	1,091,620	1,769,465	3,698,220	5,305,850
1935	508,997	311,437	774,667	3,424,716	4,420,259
1936	283,573	125,271	99,066	4,002,606	4,473,151
1937	3,098,260	463,189	174,323	3,231,770	7,425,136
1938	354,888	182,772	130,377	4,491,549	10,465,941

Bureau of Agricultural Economics. Compiled from Foreign Commerce and Navigation of the United States.

TABLE 427.—Forage-plant seeds: Imports into United States, 1928-37

SEEDS PERMITTED ENTRY UNDER FEDERAL SEED ACT

Kind of seed	Year beginning July									
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Alfalfa	1,146	337	233	353	41	47	124	57	3,645	4,590
Canada bluegrass	1,228	608	985	306	191	128	130	156	120	181
Kentucky bluegrass								3		
Smooth brome						40	368	857	798	
Alsike clover	4,798	7,220	94				34	62	3,139	910
Crimson clover	3,395	3,099	3,079	1,831	685	1,977	197	2,149	5,640	2,260
Red clover	7,647	2,154	2,805	31		11	101	47	13,879	8,532
White clover	2,410	2,278	768	893	1,943	962	1,098	1,550	1,968	2,268
Meadow fescue	8	1						3	2	
Orchard grass	2,377	318	342	1	19	5	397	729	1,895	220
Forstail millet	108						10,755	304	798	13
Alsike and timothy mixtures									118	119
Clover mixtures	250	32	15	16	1	11	1	6	14	
Grass mixtures	5	5	1	3	1		4	1	19	7
Winter rape	6,982	6,681	5,119	3,762	5,174	5,281	7,808	7,771	7,495	4,766
Italian ryegrass	300	244	200	75	42	26	37	30	40	1,197
Perennial ryegrass	1,180	937	824	646	463	532	419	507	973	1,271
Timothy		37					4,745	1	105	4
Common vetch	1	821	704	202	96	718	9		326	2,414
Hairy vetch	4,064	2,483	1,628	2,365	2,894	3,141	22	1,580	3,025	5,781
Hungarian vetch						270				284

SEEDS NOT SUBJECT TO FEDERAL SEED ACT

Bentgrass	649	890	213	327	52	59	11	29	22	23
Rough bluegrass	306	347	378	554	427	426	292	469	478	798
Wood bluegrass	28	21	13	35	6	9		2	8	6
Bur clover						4				
Crested dogtail	79	22	40	28	16	6	12	19	13	25
Cheewings fescue	1,453	988	1,018	1,030	920	1,077	755	703	1,132	1,179
Other fescues	671	624	379	573	307	169	51	77	114	189
Carpet grass	7	7	12	17	1	2	11		1	1
Dallis grass	12	27	38	19	18	6	42	29	72	108
Rescue grass		3	2	5	6		4	15	2	
Rhodes grass	24	16	12	3	3	2	12	22	36	60
Sudan grass			449	79		103	10,807	206		
Velvet grass	5	42		1	9		1	4	21	4
Black medick	2	10	6	3	10	2	11	32	29	43
Japanese millet	141						429			
Redtop		5								
Sourclover		169				1				
White sweetclover	1,464	206					6	445	4,554	6,958
Yellow sweetclover	29	3							968	2,453
Common yarrow	2	1	1	2		1	3		2	
Other forage crops	15	7	10	33	14	2,758	255	221	429	211

¹ All fescues except meadow fescue and Cheewings fescue.

Division of Seed Investigations, Bureau of Plant Industry.

TABLE 428.—*Sunflower seed: Production, by States, and imports, average 1927-36, annual 1927-38*

State	Average 1927-36	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ¹
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
California.....	3,108	3,000	4,225	4,500	250	1,700	2,800	2,800	3,500	3,200	5,100	5,500	1,760
Illinois.....	2,761	4,347	9,824	8,900	190	1,000	850	300	1,500	350	350	300	200
Missouri.....	1,286	3,053	2,109	2,700	450	250	750	800	1,000	750	1,000	1,200	200
Total.....	7,155	10,400	16,158	16,100	890	2,950	4,400	3,900	6,000	4,300	6,450	7,000	2,160
Imports for consumption.....	774	987	2,300	1,621	248	409	598	121	276	667	514	496	9

¹ Preliminary.

Bureau of Agricultural Economics. Production figures compiled from dealers' and growers' reports; imports from Bureau of Foreign and Domestic Commerce, Department of Commerce.

TABLE 429.—*Peppermint, commercial crop: Acreage, production, season average price per pound of oil received by farmers, and farm value, 1929-38¹*

Utilization and year	Acreage harvested	Average yield of oil per acre	Production of oil	Price	Farm value	Utilization and year	Acreage harvested	Average yield of oil per acre	Production of oil	Price	Farm value
For manufacture:			1,000 pounds		1,000 dollars	For manufacture:			1,000 pounds		1,000 dollars
1929.....	Acres	Pounds	1929	Dols.	dollars	1934.....	Acres	Pounds	1934	Dols.	dols.
1930.....	55,040	19.5	1,073	3.19	3,418	1935.....	31,330	27.9	873	2.39	2,087
1931.....	57,060	19.3	1,103	1.93	2,132	1936.....	42,070	32.1	1,352	1.67	2,261
1932.....	42,640	16.0	683	1.19	813	1937.....	36,080	26.1	957	1.93	1,849
1933.....	27,720	15.2	421	1.41	593	1938.....	32,100	27.6	885	1.90	1,764
	22,850	22.0	503	1.78	894		28,170	26.0	732	1.99	1,460

¹ Includes some spearmint.

Bureau of Agricultural Economics.

TABLE 430.—*Peppermint for oil, commercial crop: Acreage, production, and season average price per pound of oil received by farmers, average 1929-36, annual 1937 and 1938¹*

State	Acreage			Production			Price for crop of—		
	Average 1929-36	1937	1938	Average 1929-36	1937	1938	Average 1929-36	1937	1938
	Acres	Acres	Acres	1,000 pounds of oil	1,000 pounds of oil	1,000 pounds of oil	Dollars	Dollars	Dollars
Indiana.....	23,900	10,800	8,100	419	259	184	1.90	2.00	1.92
Michigan.....	13,080	18,000	16,700	368	502	434	2.00	2.00	2.05
Ohio.....	290	700	400	6	20	8	1.95	2.10	2.00
Oregon.....	1,590	1,900	2,150	56	80	77	1.75	1.90	1.90
Washington.....	560	700	820	22	24	29	1.75	2.00	1.90
Total.....	39,420	32,100	28,170	871	885	732	1.94	1.99	1.99

¹ Includes some spearmint.

Bureau of Agricultural Economics; estimates based on returns from crop reporters.

STATISTICS OF BEEF CATTLE, HOGS, SHEEP, HORSES, AND MULES

TABLE 431.—All cattle and cattle other than milk cows: Number and value on farms,
United States, January 1, 1867-1939

Year	All cattle			Other cattle ¹ than milk cows		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars
1867	28,636	19.13	547,888	20,373	14.97	304,927
1868	29,238	18.30	534,911	20,533	14.62	300,204
1869	30,060	20.74	623,413	20,855	17.15	357,734
1870 ²	25,821			14,886		
1870	31,082	22.84	709,903	21,410	18.75	401,466
1871	32,107	24.71	793,436	22,166	20.72	459,216
1872	33,078	21.64	715,729	22,887	18.28	418,366
1873	33,830	20.50	693,660	23,482	17.94	421,153
1874	34,821	19.51	679,501	24,259	17.04	413,348
1875	35,361	18.96	670,308	24,647	16.20	399,385
1876	36,140	18.76	678,018	25,319	16.01	405,363
1877	37,333	18.38	686,224	26,329	15.56	409,599
1878	39,396	19.05	750,569	28,174	16.40	462,147
1879	41,420	16.96	702,485	29,934	15.20	454,966
1880 ³	39,679			27,233		
1880	43,347	17.80	771,600	31,593	15.75	497,642
1881	44,501	18.67	830,723	32,524	16.77	545,481
1882	45,738	20.93	957,447	33,504	19.04	637,944
1883	47,387	23.87	1,131,307	34,816	21.49	748,292
1884	49,804	25.26	1,257,918	36,921	23.05	851,137
1885	52,463	24.40	1,279,915	39,250	22.55	885,081
1886	54,868	22.20	1,218,024	41,390	20.47	847,126
1887	56,602	21.18	1,198,557	42,714	19.53	834,283
1888	58,599	19.39	1,136,343	44,249	17.63	780,212
1889	59,178	18.77	1,110,866	44,472	17.03	757,533
1890 ⁴	67,649			41,737		
1890	60,014	16.95	1,017,030	45,014	15.16	682,467
1891	59,968	16.49	988,740	44,835	14.72	659,940
1892	58,126	16.81	977,093	42,949	15.14	650,402
1893	55,119	17.00	936,962	39,955	15.14	604,889
1894	51,713	16.84	870,821	36,476	14.74	537,754
1895	49,510	16.56	819,672	34,280	14.09	482,897
1896	49,205	17.86	878,608	33,939	15.76	534,727
1897	50,447	18.62	939,407	35,065	16.67	584,425
1898	52,868	22.79	1,204,853	37,227	20.88	777,246
1899	55,927	24.53	1,371,882	39,833	22.54	897,800
1900 ⁵	67,719			40,583		
1900	59,739	26.50	1,583,340	43,195	24.67	1,065,529
1901	62,576	22.68	1,419,508	45,868	20.06	920,296
1902	64,418	21.48	1,383,447	47,426	18.75	889,343
1903	66,004	21.55	1,422,476	48,787	18.55	905,000
1904	66,442	19.69	1,308,204	48,867	16.36	801,147
1905	66,111	18.39	1,215,610	48,288	15.14	731,042
1906	65,009	19.65	1,277,694	46,779	15.88	742,756
1907	63,754	20.91	1,333,282	45,125	16.90	762,716
1908	61,989	20.92	1,296,952	42,997	16.70	718,042
1909	60,774	21.90	1,336,184	41,573	17.32	720,066
1910 ⁶	61,804			41,179		
1910	58,993	24.54	1,447,681	39,543	19.20	759,072
1911	57,225	27.22	1,567,803	37,805	20.62	779,472
1912	55,675	27.68	1,541,274	36,138	21.35	771,934
1913	56,592	33.07	1,871,331	37,012	26.74	969,540
1914	59,461	38.97	2,317,253	39,640	31.50	1,248,735
1915	63,849	40.67	2,596,562	43,579	33.86	1,475,695
1916	67,438	40.10	2,704,164	46,686	34.00	1,587,457
1917	70,979	43.34	3,076,262	49,767	36.45	1,813,905
1918	73,040	50.01	3,653,062	51,594	41.39	2,131,990
1919	72,094	54.65	3,939,590	50,549	44.53	2,251,161
1920 ⁷	66,640			42,965		
1920	70,400	52.64	3,706,171	48,945	39.99	1,957,351
1921	68,714	39.07	2,684,989	47,258	29.04	1,372,137

See footnotes at end of table.

TABLE 431.—All cattle and cattle other than milk cows: Number and value on farms, United States, January 1, 1867-1939—Continued

Year	All cattle			Other cattle ¹ than milk cows		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	
1922.....	68,795	30.39	2,090,487	46,944	21.87	1,026,878
1923.....	67,546	31.66	2,138,772	45,408	23.38	1,061,655
1924.....	65,996	32.11	2,119,141	43,665	23.01	1,004,552
1925 ²	60,760			39,860		
1925.....	63,373	31.72	2,009,936	40,798	22.52	918,687
1926.....	60,576	36.80	2,229,080	38,166	26.32	1,004,485
1927.....	58,178	39.98	2,325,808	35,927	28.10	1,009,582
1928.....	57,322	50.63	2,902,237	35,091	36.22	1,270,967
1929.....	58,877	58.47	3,442,702	36,437	42.82	1,560,144
1930 ²	65,836			48,772		
1930.....	61,003	56.36	3,438,056	37,971	40.38	1,533,262
1931.....	63,030	38.99	2,457,499	39,210	28.03	1,098,970
1932.....	65,770	26.40	1,736,015	40,874	18.41	752,344
1933.....	70,214	19.74	1,386,107	44,278	14.21	629,261
1934.....	74,262	17.78	1,320,340	47,331	12.54	593,301
1935 ²	68,884					
1935.....	68,529	20.22	1,385,948	42,460	14.12	599,336
1936.....	67,929	34.09	2,315,847	42,490	25.00	1,062,420
1937.....	66,803	34.06	2,275,182	41,810	24.30	1,015,861
1938.....	66,083	36.58	2,417,235	41,249	25.82	1,065,221
1939 ²	66,821	38.46	2,569,793	41,728	28.10	1,172,513

¹ Obtained by subtracting the estimates of "Milk cows on farms" shown in table 511 from the estimates of "All cattle on farms," shown in this table.

² Italic figures are from the census. Census dates were June 1, 1870, 1880, 1890, and 1900; Apr. 15, 1910; Jan. 1, 1920 and 1925; Apr. 1, 1930; Jan. 1, 1935. 1900, 1910, and 1930 include spring-born calves.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 432.—All cattle and calves, including cows and heifers kept for milk: Number on farms and farm value per head, by States, Jan. 1, 1935-39

State and division	Number					Farm value per head ¹				
	1935	1936	1937	1938	1939 ²	1935	1936	1937	1938	1939
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>
Maine.....	245	232	234	234	239	28.20	41.90	43.10	44.30	43.10
New Hampshire.....	130	125	125	124	128	36.80	51.80	51.30	53.30	54.00
Vermont.....	410	417	430	430	448	34.00	55.00	54.50	55.70	52.30
Massachusetts.....	189	189	191	191	193	54.20	67.10	64.00	73.20	71.90
Rhode Island.....	28	28	29	29	30	59.30	83.80	80.40	80.70	77.10
Connecticut.....	173	173	178	178	180	56.50	74.90	71.50	78.80	74.50
New York.....	1,920	1,968	2,040	2,075	2,137	43.80	63.40	62.10	65.50	62.90
New Jersey.....	186	188	192	194	197	69.80	87.20	89.30	98.20	96.40
Pennsylvania.....	1,469	1,469	1,469	1,498	1,498	35.10	52.60	55.30	59.40	58.10
North Atlantic.....	4,750	4,789	4,888	4,962	5,050	41.28	59.60	59.82	63.43	61.54
Ohio.....	1,951	2,010	1,990	1,970	2,030	24.00	39.40	40.10	42.50	43.90
Indiana.....	1,604	1,684	1,617	1,617	1,633	24.60	38.40	39.00	41.80	43.60
Illinois.....	2,630	2,700	2,620	2,646	2,699	25.00	40.30	41.00	43.30	45.90
Michigan.....	1,518	1,548	1,594	1,626	1,675	26.30	43.30	45.30	46.90	46.20
Wisconsin.....	3,116	3,178	3,242	3,274	3,339	27.20	53.20	51.40	57.50	55.10
East North Central.....	10,819	11,120	11,063	11,133	11,376	25.79	43.94	44.35	47.62	47.91
Minnesota.....	3,179	3,179	3,211	3,275	3,341	19.70	38.30	38.20	41.70	43.10
Iowa.....	4,570	4,661	4,335	4,465	4,465	19.90	36.80	35.60	37.70	42.10
Missouri.....	2,531	2,658	2,472	2,497	2,547	18.10	33.10	30.20	34.70	37.60
North Dakota.....	1,219	1,329	1,196	1,190	1,238	17.50	33.00	30.00	33.50	36.70
South Dakota.....	1,632	1,746	1,536	1,551	1,567	16.20	35.60	30.30	33.40	39.00
Nebraska.....	3,232	3,491	3,037	2,824	2,909	18.00	34.30	30.90	32.00	38.60
Kansas.....	3,386	3,149	2,834	2,607	2,789	16.80	30.20	29.20	31.10	36.40
West North Central.....	19,749	20,213	18,621	18,409	18,856	18.35	34.73	32.87	35.56	39.70
North Central.....	30,568	31,333	29,684	29,542	30,232	20.98	38.00	37.15	40.10	42.79

See footnotes at end of table.

TABLE 432.—All cattle and calves, including cows and heifers kept for milk: Number on farms and farm value per head, by States, Jan. 1, 1935-39—Continued

State and division	Number					Farm value per head ¹				
	1935	1936	1937	1938	1939 ²	1935	1936	1937	1938	1939
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
Delaware.....	51	51	51	51	52	33.90	45.70	50.20	58.70	57.10
Maryland.....	307	307	307	313	322	31.60	45.30	48.00	52.40	50.70
Virginia.....	870	861	852	869	886	22.70	33.00	33.90	37.10	38.60
West Virginia.....	612	606	576	588	606	21.00	31.70	30.40	34.80	35.60
North Carolina.....	685	671	651	638	664	21.30	27.20	28.90	29.60	31.20
South Carolina.....	386	374	374	332	339	19.00	21.70	23.60	26.50	27.10
Georgia.....	1,100	1,012	961	942	970	12.60	16.70	19.90	20.60	21.60
Florida.....	788	788	796	764	805	14.60	18.20	18.50	20.00	20.50
South Atlantic.....	4,799	4,670	4,568	4,517	4,664	19.04	26.02	27.40	29.89	30.64
Kentucky.....	1,212	1,212	1,127	1,172	1,195	18.90	29.90	30.00	31.30	33.40
Tennessee.....	1,233	1,208	1,148	1,125	1,170	15.90	24.80	26.30	27.90	30.60
Alabama.....	1,125	1,024	983	983	1,029	12.30	17.00	19.60	20.40	22.50
Mississippi.....	1,401	1,261	1,261	1,286	1,286	10.30	15.40	19.20	19.30	21.10
Arkansas.....	1,187	1,033	1,054	1,075	1,118	10.30	18.60	18.90	21.40	23.20
Louisiana.....	1,125	1,035	1,045	1,076	1,098	14.20	18.60	19.40	20.10	21.70
Oklahoma.....	2,633	2,422	2,252	2,139	2,182	12.70	22.90	21.60	26.30	30.00
Texas.....	7,222	6,861	7,547	7,245	6,955	13.00	22.20	21.80	24.10	25.80
South Central.....	17,138	16,056	16,417	16,101	16,033	13.23	21.75	21.99	24.12	26.23
Montana.....	1,530	1,362	974	890	1,016	17.90	31.90	29.90	35.10	40.40
Idaho.....	784	745	775	745	745	17.80	31.20	34.60	34.30	34.70
Wyoming.....	858	849	781	820	836	17.10	31.60	30.00	32.30	37.00
Colorado.....	1,590	1,510	1,570	1,492	1,447	16.30	30.30	32.20	31.40	34.90
New Mexico.....	1,101	1,039	1,354	1,302	1,190	15.60	28.00	28.10	27.40	30.40
Arizona.....	840	830	934	891	827	16.30	30.20	31.00	32.80	34.80
Utah.....	411	419	432	432	428	17.20	32.50	34.20	35.60	34.90
Nevada.....	342	349	356	356	360	19.00	32.40	33.00	33.80	36.50
Washington.....	741	763	756	771	794	26.10	34.80	41.80	44.40	39.60
Oregon.....	928	937	945	964	993	23.50	32.20	37.90	38.40	35.80
California.....	2,149	2,278	2,369	2,298	2,206	29.30	41.20	43.50	43.80	42.40
Western.....	11,274	11,081	11,246	10,961	10,842	20.44	33.30	35.03	35.98	37.06
United States.....	68,529	67,929	66,803	66,083	66,821	20.22	34.09	34.06	36.58	38.46

¹ Sum of total value of subgroups (classified by age and sex), divided by total number and rounded to nearest dime for States. Division and United States averages not rounded. State figures are new weighted value series not comparable to State figures previously published for the years prior to 1925.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 433.—Cattle: Number in countries having 150,000 or over, averages 1926-35, annual 1934-38

Country	Date or month of estimate	Average		1934	1935	1936	1937	1938 ²
		1926-30 ¹	1931-35 ¹					
NORTH AMERICA, CENTRAL AMERICA, AND WEST INDIES								
United States.....	Jan. 1.....	Thou- sands 59,191	Thou- sands 68,361	Thou- sands 74,262	Thou- sands 68,529	Thou- sands 67,929	Thou- sands 66,803	Thou- sands 66,083
Canada.....	June 1.....	8,860	8,630	8,952	8,821	8,841	8,840	8,811
Mexico.....	May or June.....	\$ 7,834	\$ 10,083					
Guatemala.....	July.....	397	424	469	445	489		
Honduras.....	do.....	425	517				540	
Salvador.....	.....	\$ 328	\$ 520	577	609	446		
Nicaragua.....	.....	\$ 900	\$ 800					
Panama (including Canal Zone).....	.....	254	371	371				
Costa Rica.....	.....	436	399					
Cuba.....	Jan. 1 ¹	4,496	4,504	4,195	4,525	3,986	4,064	
Dominican Republic.....	May.....	694	900					
Puerto Rico.....	.....	\$ 311	\$ 311					
Estimated total ¹.....	.....	84,600	96,400					
SOUTH AMERICA								
Colombia.....	.....	6,857	7,975	7,972	8,337			
Venezuela.....	.....	\$ 3,000	\$ 3,000			\$ 3,000		3,091
British Guiana ¹.....	.....	148	161	150	128	131	130	
Ecuador.....	.....	1,282	1,370	1,400	1,420			

See footnotes at end of table.

TABLE 433.—Cattle: Number in countries having 150,000 or over, averages 1926-35, annual 1934-38—Continued

Country	Date or month of estimate	Average		1934	1935	1936	1937	1938 ¹
		1926-30	1931-35 ¹					
		Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Peru	February-April	¹ 1,806	¹ 1,850	¹ 1,850				
Bolivia		1,918	¹ 2,064					
Chile	April-June	2,153	2,463		2,463	¹ 2,573	2,460	2,634
Brazil ¹	September	¹⁰ 47,492	44,178		40,864			
Uruguay	March-April	¹ 7,128	¹¹ 7,372				¹ 8,297	
Paraguay	Jan. 1 ¹	(4,800)	3,383	3,244	2,920	3,051		
Argentina	July 1	¹ 32,212	¹ 31,640	30,868			¹ 33,101	
Estimated total ¹		108,500	105,400					
EUROPE								
England and Wales	June	6,072	6,449	6,660	6,541	6,540	6,619	6,708
Scotland	do	1,218	1,270	1,313	1,316	1,313	1,290	1,308
Northern Ireland	do	695	740	769	799	770	730	731
Total United Kingdom	do	7,985	8,459	8,742	8,656	8,623	8,639	8,747
Ireland	do	4,059	4,059	4,086	4,018	4,014	3,955	4,061
Norway	do	1,221	1,323	1,294	1,328	1,348	1,343	1,399
Sweden	June-July	2,980	3,025	2,890	2,919	2,950	2,962	
Denmark	July	2,972	3,143	3,062	3,072	3,107	3,084	3,183
Netherlands	May-June	¹ 2,366	2,683	2,830	2,640	2,570	2,627	2,763
Belgium	Jan. 1 ¹	1,719	1,793	1,813	1,840	1,837	1,783	1,710
France	do ¹	14,886	15,616	15,830	15,704	15,670	15,762	15,755
Spain	do ¹	3,714	3,976	(4,190)	4,215			
Portugal	do ¹	853	790		790			
Italy ¹	March-April	7,254	¹² 7,183			7,235	7,286	7,667
Switzerland	April	1,598	1,636	1,660	1,590	1,569	1,638	1,701
Germany	Jan. 1 ¹	17,776	19,134	19,739	19,198	18,938	20,088	20,469
Austria	May-June	¹ 2,313	2,349	2,349				
German Empire		20,089	21,483	22,088				
Czechoslovakia ¹	Jan. 1 ¹	4,693	4,392	4,405	4,303	4,283	4,586	4,583
Hungary	April	1,814	1,753	1,678	1,756	1,742	1,756	1,892
Yugoslavia ¹	Jan. 1 ¹	3,749	3,911	3,913	4,029	4,019	4,111	4,206
Greece ¹	do ¹	926	936	964	1,003	1,016	1,049	
Albania	do ¹	360	461	391	393			
Bulgaria ¹	do ¹	¹ 2,266	¹ 1,873		¹ 1,873			
Rumania ¹	do ¹	4,820	4,332		4,519			
Poland	June	9,019	9,450	9,258	9,759	10,200	10,573	10,540
Lithuania	Jan. 1 ¹	1,245	1,109	1,132	1,137	1,159	1,178	1,172
Latvia	June	977	1,172	1,158	1,275	1,261	1,200	1,224
Estonia	July	623	689	676	725	731	639	661
Finland	September	1,841	1,792	1,767	1,822	1,879		
Union of Soviet Socialist Republics		64,900	43,740	42,400	49,300	56,500		
Estimated total, excluding Soviet Union ¹		103,800	106,900					
AFRICA								
Abysinnia		¹¹ (4,000)	¹¹ 4,000					
Morocco		1,071	1,990	1,984	2,075	1,959	2,026	
Algeria	March	903	879	884	850	840	841	789
Tunisia	Jan. 1 ¹	464	523	544	487	441	539	
French West Africa		2,536	2,446	2,148	2,131	2,170		
French Sudan		1,025	1,281	1,122	1,325	1,250		
Gold Coast		110	154	158	178	178		
Nigeria and British Cameroons		3,132	2,827	2,688	2,763	2,637	3,052	
French Cameroon		412	440	343	392	748		
Egypt ¹	September	1,551	1,768	1,812	1,852	1,927		
Anglo-Egyptian Sudan		1,462	1,790	2,500	2,700	2,700	2,700	
Italian Somaliland	February	1,110	950					
Eritrea		¹ 749	925	1,000		707		
Kenya	March-June	3,812	5,209	¹ 5,208		5,219		
Uganda	Jan. 1 ¹	1,607	2,104	2,107	2,223	2,187	2,462	2,509
French Equatorial Africa		1,128	1,246	897	902			
Belgian Congo		303	311	302	326			
Ruanda		887	810	822	813	831		
Angola		1,073	1,750		1,929			
Southwest Africa (British)		645	657	622	666			
Bechuanaland	Jan. 1	602	883	930	1,300	¹¹ 541		602
Union of South Africa	August	10,640	10,497	10,164	10,575	11,081		
Basutoland		653	490	400	352	415	419	
Rhodesia								
Northern	Jan. 1 ¹	415	482	484	523	605	605	619
Southern	do ¹	2,268	2,616	2,689	2,594	2,461	2,301	2,317
Swaziland	do ¹	316	332	310	326	406	402	403
Tanganyika Territory	do ¹	4,823	5,106	4,853	4,793	4,837		

See footnotes at end of table.

TABLE 433.—Cattle: Number in countries having 150,000 or over, averages 1926-35, annual 1934-38—Continued

Country	Date or month of estimate	Average		1934	1935	1936	1937	1938
		1926-30 ¹	1931-35 ¹					
		Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
Nyasaland.....	Mar. 31.....	151	200	207	237	223	-----	-----
Mozambique.....	-----	446	529	532	558	544	-----	-----
Madagascar.....	Jan. 1 ²	7,191	6,380	6,169	5,603	5,559	4,990	6,000
Estimated total ³	-----	56,800	59,900	-----	-----	-----	-----	-----
ASIA								
Turkey, European and Asiatic. ⁴	-----	5,464	5,717	5,748	5,910	6,704	7,202	-----
Persia.....	-----	(1,000)	1,717	1,257	-----	-----	-----	-----
Syria and Lebanon ⁵	-----	300	413	305	375	456	332	-----
India: ⁶ British (including Burma). Native States.....	December-April.....	151,847	154,211	152,869	159,879	158,427	-----	-----
Ceylon.....	Jan. 1 ⁷	38,532	50,515	49,628	54,375	52,700	-----	-----
China, including Turkestan, Manchuria, and Inner Mongolia.....	-----	1,570	1,610	1,614	1,616	1,542	1,644	1,608
Japan.....	Jan. 1 ⁷	23,000 ¹⁷	23,000 ¹⁷	23,000 ¹⁷	24,000 ¹⁷	23,000 ¹⁷	-----	-----
Chosen.....	do. ⁷	1,474	1,543	1,560	1,615	1,684	1,771	-----
Taiwan ⁸	do. ⁷	1,586	1,649	1,663	1,671	1,680	1,703	-----
French Indochina ⁹	-----	3,885	384	386	395	390	371	-----
Siam ¹⁰	March.....	3,896	3,836	3,761	3,735	4,255	-----	-----
British Malaya.....	-----	8,783	10,047	10,299	10,428	10,635	11,152	-----
Philippine Islands ¹¹	-----	285	478	485	494	541	532	-----
Netherlands India: Java and Madura ¹²	Jan. 1 ⁷	2,909	3,493	3,616	3,653	3,756	3,841	-----
Other possessions ¹³	do. ⁷	5,708	6,054	6,224	5,941	5,647	5,569	-----
-----	do. ⁷	1,994	2,042	2,032	1,978	2,002	2,045	-----
Estimated total, excluding Union of Soviet Socialist Republics. ¹⁴	-----	250,400	268,300	-----	-----	-----	-----	-----
OCEANIA								
Australia.....	Jan. 1 ⁷	11,873	12,865	13,512	14,049	13,612	13,492	-----
New Zealand.....	do.....	3,439	4,188	4,301	4,293	4,254	4,389	4,468
Estimated total ¹⁵	-----	15,500	17,300	-----	-----	-----	-----	-----
Total countries reporting all periods: To 1938 (27). ¹⁶	-----	162,462	175,906	183,048	176,498	175,695	176,249	177,716
Estimated world total including Soviet Union. ¹⁷	-----	684,500	697,900	-----	-----	-----	-----	-----

¹ Average for 5-year period, if available; otherwise for any year or years within this period, except as otherwise stated.

² Preliminary.

³ Average of 1926 estimate for 96 percent of municipalities and the final figures of the Apr. 26, 1930, census. This census is the first complete census of numbers in Mexico.

⁴ Census. The latest census in many countries was in 1930.

⁵ Estimate for 1930 or later year.

⁶ Unofficial.

⁷ Estimates for Dec. 31 preceding year.

⁸ These totals include interpolations for a few countries not reporting each year and rough estimates for some others.

⁹ Buffaloes included.

¹⁰ Year 1931.

¹¹ Year 1932.

¹² Average of estimate for 1934 and 1930 census.

¹³ Average of estimate for 1936 and 1930 census.

¹⁴ Year 1928.

¹⁵ May.

¹⁶ Estimates for India not strictly comparable 1 year with another, as not always for identical territory.

¹⁷ Estimate for total China based on official returns in 1934, 1935, and 1936 for Provinces which supported 96 percent of total in 1914. The official estimates, excluding former Manchuria and Turkestan, were 21,638,000 in June 1934, and 22,647,000 in March 1935, and 22,299,000 in March 1936. The number comprised in Turkestan, former Manchuria and Inner Mongolia is included with China in this table as it is not accounted for elsewhere.

¹⁸ Comparable totals for number of countries indicated.

Bureau of Agricultural Economics. Compiled from reports of U. S. Government representatives abroad, original official sources, and the International Institute of Agriculture, unless otherwise stated. Figures in parentheses interpolated.

TABLE 434.—Cattle and calves: Receipts and stocker and feeder shipments at public stockyards, 1929-39

RECEIPTS, CATTLE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1929.....	1,160	814	953	1,146	1,097	977	1,166	1,156	1,572	1,787	1,405	1,104	14,337
1930.....	1,155	908	1,045	1,066	984	996	1,012	1,062	1,511	1,677	1,180	1,202	13,798
1931.....	1,040	878	1,017	1,057	1,027	1,017	1,035	1,302	1,279	1,531	1,312	991	13,486
1932.....	960	869	897	897	919	870	888	1,125	1,232	1,346	1,039	789	11,831
1933.....	908	773	758	843	1,030	985	1,008	1,173	1,178	1,587	1,203	901	12,547
1934 ¹	1,145	958	969	1,053	1,192	1,215	2,129	3,097	2,822	2,222	1,598	1,279	19,679
1935 ¹	1,308	948	975	1,057	1,067	925	1,080	1,369	1,661	1,864	1,439	1,272	14,866
1936.....	1,259	981	1,115	1,116	1,090	1,201	1,317	1,580	1,615	1,726	1,541	1,260	15,711
1937.....	1,172	869	1,139	1,052	1,146	1,271	1,103	1,542	1,613	1,618	1,466	1,114	15,135
1938.....	1,158	892	1,094	965	1,128	1,079	1,128	1,346	1,409	1,583	1,300	994	14,076
1939.....	1,156	869	1,041	968	1,145	-----	-----	-----	-----	-----	-----	-----	-----

RECEIPTS, CALVES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1929.....	479	381	497	606	563	475	499	463	531	620	538	451	6,103
1930.....	484	418	502	578	533	464	499	548	596	700	517	534	6,368
1931.....	468	425	518	560	524	522	453	519	518	606	554	462	6,129
1932.....	416	414	480	478	478	468	403	481	457	550	504	372	5,501
1933.....	416	364	413	453	523	465	448	496	474	592	496	442	5,587
1934 ¹	508	449	530	538	617	597	856	1,178	956	778	565	518	8,990
1935 ¹	581	433	495	573	569	477	523	575	596	681	578	537	6,618
1936.....	534	434	510	557	522	563	564	636	650	713	635	552	6,870
1937.....	519	444	588	582	605	631	572	702	747	715	666	515	7,286
1938.....	490	420	531	537	553	527	502	600	609	723	600	471	6,563
1939.....	453	424	501	499	592	-----	-----	-----	-----	-----	-----	-----	-----

STOCKER AND FEEDER SHIPMENTS, CATTLE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1929.....	159	106	146	266	266	157	150	246	394	673	459	219	3,250
1930.....	201	173	176	219	172	108	99	130	368	570	375	267	2,858
1931.....	189	130	126	156	135	100	108	231	348	495	384	207	2,609
1932.....	108	96	108	116	100	90	136	247	347	392	296	168	2,203
1933.....	126	107	87	127	153	129	96	183	233	444	310	129	2,124
1934 ¹	129	100	119	124	136	124	439	731	483	396	259	136	3,176
1935 ¹	169	164	165	176	196	124	122	259	386	549	375	206	2,891
1936.....	161	94	155	157	133	143	210	271	320	422	352	221	2,639
1937.....	152	100	148	155	197	185	190	330	379	497	371	189	2,893
1938.....	153	112	184	163	186	190	201	286	400	475	363	236	2,949
1939.....	209	157	195	183	183	-----	-----	-----	-----	-----	-----	-----	-----

STOCKER AND FEEDER SHIPMENTS, CALVES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1929.....	19	12	16	26	28	19	14	20	29	85	97	37	401
1930.....	32	28	30	36	28	21	10	20	75	121	103	64	568
1931.....	33	18	20	19	18	12	16	30	42	86	103	38	435
1932.....	22	14	18	22	18	15	21	33	43	86	81	42	416
1933.....	27	22	15	25	40	20	15	30	29	83	71	46	423
1934 ¹	36	21	20	23	26	15	42	70	67	81	59	29	489
1935 ¹	29	28	28	42	41	27	23	43	54	80	70	36	501
1936.....	36	22	35	37	30	25	30	47	59	94	97	56	568
1937.....	32	21	36	37	42	32	33	51	59	98	90	48	578
1938.....	36	27	48	39	32	25	41	48	69	119	110	73	666
1939.....	50	56	57	50	57	-----	-----	-----	-----	-----	-----	-----	-----

¹ Includes purchases for Federal Surplus Relief Corporation from June 6, 1934, to Feb. 7, 1935.

Bureau of Agricultural Economics. Compiled from data of the livestock and meat reporting service of the Bureau. Earlier data in 1930 Yearbook, table 353.

TABLE 435.—*Cattle and calves: Receipts at public stockyards, 1929-38*
CATTLE

Year	Chi- cago	Den- ver	East St. Louis	Fort Worth	Kan- sas City	Oma- ha	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets ¹	All others report- ing	Total re- port- ing ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1929.....	2,388	556	832	762	1,836	1,444	800	879	778	9,974	4,363	14,337
1930.....	2,239	505	820	638	1,802	1,485	459	779	774	9,501	4,297	13,798
1931.....	2,287	440	792	598	1,665	1,570	433	811	769	9,364	4,122	13,486
1932.....	2,006	365	709	444	1,670	1,333	360	690	545	8,022	3,800	11,831
1933.....	2,067	348	727	417	1,443	1,417	399	835	774	8,427	3,920	12,347
1934 ¹	2,727	633	1,225	787	2,256	1,971	650	1,476	1,184	12,879	6,800	19,679
1935 ¹	1,972	482	1,072	749	1,610	1,244	375	911	736	9,152	5,834	14,986
1936.....	2,234	490	914	658	1,436	1,611	382	1,106	912	9,643	6,068	15,711
1937.....	1,981	589	953	909	1,622	1,280	347	930	637	9,188	5,947	15,135
1938.....	1,885	541	848	764	1,334	1,177	310	882	658	8,399	5,677	14,076

CALVES

Year	Chi- cago	Den- ver	East St. Louis	Fort Worth	Kan- sas City	Oma- ha	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets ¹	All others report- ing	Total re- port- ing ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1929.....	672	68	391	327	342	102	80	546	61	2,601	3,502	6,103
1930.....	557	89	383	331	364	120	100	559	82	2,586	3,782	6,368
1931.....	547	64	379	243	292	120	76	603	82	2,406	3,723	6,129
1932.....	447	59	358	200	284	120	77	544	49	2,145	3,356	5,501
1933.....	440	71	392	223	276	120	84	515	56	2,178	3,409	5,587
1934 ¹	737	132	590	381	594	278	144	840	222	3,920	4,170	8,090
1935 ¹	457	78	569	360	348	139	99	477	66	2,601	4,017	6,618
1936.....	411	74	569	374	346	162	99	561	82	2,678	4,192	6,870
1937.....	386	85	635	492	368	179	87	596	63	2,891	4,395	7,286
1938.....	325	79	555	449	335	121	66	487	54	2,471	4,092	6,563

¹ Rounded totals of the complete figures.² Includes purchases for Federal Surplus Relief Corporation from June 6, 1934, to Feb. 7, 1935.

Bureau of Agricultural Economics. Compiled from data of the livestock and meat reporting service of the Bureau. Earlier data in 1932 Yearbook, table 317.

TABLE 436.—*Beef cattle and veal calves: Average price per 100 pounds received by farmers, United States, 1929-39*
BEEF CATTLE

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	8.91	8.83	9.09	9.45	9.64	9.67	9.75	9.55	9.16	8.85	8.57	8.43	9.47
1930.....	8.66	8.63	8.72	8.60	8.32	8.14	7.06	6.22	6.58	6.50	6.39	6.33	7.71
1931.....	6.38	5.98	5.98	5.95	5.61	5.21	5.11	5.05	4.96	4.72	4.76	4.32	5.53
1932.....	4.29	4.08	4.25	4.19	3.91	3.81	4.52	4.35	4.31	3.91	3.73	3.41	4.25
1933.....	3.28	3.31	3.42	3.64	3.96	4.04	3.98	3.79	3.62	3.51	3.33	3.13	3.75
1934.....	3.33	3.68	3.79	3.89	4.14	4.00	3.91	3.72	4.21	3.96	3.81	3.89	4.13
1935 ¹	5.06	5.95	6.55	6.71	6.80	6.55	6.20	6.28	6.41	6.24	6.05	6.14	6.06
1936 ¹	6.22	6.19	6.12	6.27	6.00	5.99	5.71	5.71	5.88	5.89	5.97	6.17	5.82
1937 ¹	6.54	6.48	6.76	6.97	7.13	7.13	7.46	7.64	7.54	7.19	6.53	6.08	7.01
1938 ¹	5.93	5.80	6.11	6.30	6.25	6.38	6.74	6.38	6.54	6.33	6.32	6.40	6.56
1939 ¹	6.68	6.36	7.00	7.08	7.09	.....	.....	.....	.....	.....	.....	.....	.....

VEAL CALVES

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	12.20	12.17	12.51	12.09	12.10	12.05	12.40	12.38	12.51	12.15	11.79	11.68	12.16
1930.....	11.84	11.69	11.24	10.73	9.68	9.83	9.19	8.78	9.20	9.30	8.84	8.48	9.68
1931.....	8.61	8.20	7.66	7.38	7.15	6.81	6.66	6.75	6.95	6.58	6.02	5.59	6.95
1932.....	5.62	5.80	5.69	5.04	4.67	4.63	5.00	4.93	5.12	4.75	4.47	4.16	4.95
1933.....	4.12	4.75	4.57	4.36	4.50	4.51	4.62	4.75	4.96	4.84	4.66	4.20	4.64
1934.....	4.46	5.02	4.95	4.79	4.83	4.52	4.45	4.55	5.23	5.19	4.97	4.88	4.92
1935.....	5.84	6.47	6.97	7.17	6.96	7.10	6.75	7.11	7.64	7.65	7.67	7.86	7.20
1936 ¹	8.15	8.38	7.55	7.57	7.43	7.46	7.21	7.05	7.42	7.54	7.46	7.83	7.22
1937 ¹	8.62	8.21	8.04	8.05	7.96	8.01	8.25	8.69	8.91	8.76	8.34	8.09	8.10
1938 ¹	8.32	8.23	8.17	8.00	7.62	7.73	7.88	7.95	8.31	8.28	8.27	8.04	7.86
1939 ¹	8.30	8.73	8.69	8.38	8.26	.....	.....	.....	.....	.....	.....	.....	.....

¹ Revised.² Preliminary.³ Monthly prices subject to revision.

Bureau of Agricultural Economics; based on reports of special price reporters. Monthly prices of beef cattle, by States, weighted by number of cattle Jan. 1 to obtain a price for the United States; monthly price of veal calves, by States, weighted by number of cows and heifers 2 years and over kept for milk, Jan. 1, to obtain a price for the United States; yearly price obtained by weighing State averages by estimated sales. Data for earlier years in February 1936 issue of Crops and Markets, Beef Cattle, p. 37, and Veal Calves, p. 39.

TABLE 437.—Cattle (steers): Average wholesale price per 100 pounds in Argentina and Canada, 1929-39

Description, market, and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Argentina special, chilled, at Liniers market, near Buenos Aires:													
1929.....	Dol. 5.64	Dol. 5.70	Dol. 5.76	Dol. 5.72	Dol. 5.70	Dol. 5.80	Dol. 6.01	Dol. 5.94	Dol. 5.96	Dol. 6.64	Dol. 6.04	Dol. 5.63	Dol. 5.88
1930.....	5.60	5.27	5.37	5.66	5.55	5.40	5.24	5.27	5.19	4.67	4.08	3.60	5.08
1931.....	3.48	3.73	4.22	4.03	3.56	3.65	3.63	3.48	3.25	2.49	2.63	2.42	3.38
1932.....	2.29	2.29	2.28	2.30	2.29	2.24	2.20	2.24	2.17	1.86	1.73	1.59	2.12
1933.....	1.58	1.70	1.85	2.04	2.67	2.88	3.03	3.14	3.47	3.30	3.10	2.62	2.62
1934.....	2.52	2.62	2.82	2.87	2.61	2.69	2.67	2.96	2.90	2.88	2.63	2.72	2.74
1935.....	2.71	2.78	2.90	3.00	3.00	3.41	3.85	4.04	4.14	4.15	4.21	4.10	3.52
1936.....	4.14	3.99	4.10	4.10	4.18	4.26	4.27	4.22	4.06	3.82	3.43	3.46	4.00
1937.....	3.55	3.49	3.72	3.78	3.91	3.78	4.11	4.11	4.24	4.00	4.26	4.11	3.92
1938.....	4.23	4.46	4.52	4.65	4.51	4.45	4.23	4.09	3.81	3.35	3.35	3.23	4.07
1939.....	3.36	3.60											
Canadian, at Winnipeg, described as follows:													
700-1,000 pounds, Good:													
1929.....	8.41	8.18	8.62	9.55	10.40	10.17	10.04	8.97	8.30	7.74	7.81	8.77	9.19
1930.....	8.98	9.36	9.40										
Up to 1,050 pounds, Good and Choice:													
1930.....				10.30	10.55	9.69	8.48	6.12	5.50	5.57	5.87	5.99	7.63
1931.....	6.19	5.59	5.51	5.53	5.22	5.11	5.00	5.29	4.83	4.18	4.23	4.14	5.20
1932.....	4.45	4.29	4.54	4.51	4.53	4.92	4.34	4.18	3.85	3.43	3.20	3.00	4.25
1933.....	3.15	2.69	3.13	3.24	3.89	3.97	4.27	3.50	3.20	2.81	3.46	3.87	3.56
1934.....	4.04	4.50	4.86	5.05	5.04	4.90	4.42	4.21	3.60	3.43	3.56	3.91	4.44
1935.....	4.09	4.93	5.82	6.25	6.65	6.29	5.61	5.62	5.07	4.54	4.83	4.90	5.42
Up to 1,050 pounds, Good:													
1936.....	4.86	4.24	4.47	4.46	4.39	4.41	4.54	4.93	4.70	4.34	4.55	4.72	4.49
1937.....	5.52	5.44	6.22	6.67	7.00	7.50	7.23	7.02	6.71	5.65	5.40	5.23	6.28
1938.....	4.83	4.52	4.85	5.47	6.05	6.43	6.26	5.78	5.12	4.80	5.04	5.45	5.39
1939.....	5.94	5.96											

1 Preliminary.

Bureau of Agricultural Economics. Compiled in original currencies and units as follows: Argentina—Boletín Mensual de Estadística Agropecuaria, Buenos Aires, monthly. Averages of daily quotations. (For period June-December 1930, prices omitted from above publication; data obtained from weekly publication Mercado de Ganado y Carnes, Buenos Aires. Monthly prices for this period are averages of weekly averages.) Prior to May 1934 description did not include the term "special." Canada—Monthly Bulletin of Agricultural Statistics, Ottawa, for monthly quotations (described only as monthly average prices); The Canada Year Book, Ottawa, for yearly quotations (described only as yearly average prices but apparently weighted).

Prices converted to dollars per 100 pounds at current monthly rates of exchange as reported by the Federal Reserve Board. (Canadian series converted at par prior to September 1931.) Annual averages for Argentina have been computed from monthly prices, whereas those for Canada have been converted from Canadian currency at annual exchange rates.

TABLE 438.—*Cattle and calves: Average price per 100 pounds at Chicago, beef steers and veal calves, 1929-39*BEEF STEERS¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	12.51	11.92	12.68	13.52	13.67	14.10	14.59	14.22	13.92	13.81	13.00	12.74	13.43
1930.....	12.43	12.46	12.33	11.88	11.15	10.59	9.45	9.48	10.65	10.64	10.47	10.17	10.95
1931.....	9.43	8.36	8.40	7.82	7.30	7.43	7.62	8.53	8.29	8.38	7.11	8.06	8.06
1932.....	6.61	6.21	6.31	6.35	6.04	6.66	7.90	7.88	7.91	7.09	6.29	5.44	6.70
1933.....	4.95	4.80	5.04	4.96	5.64	5.79	6.01	5.88	5.75	5.53	5.13	5.17	5.42
1934.....	5.35	5.49	5.91	6.42	6.91	7.34	7.21	7.34	8.06	7.48	7.28	7.41	6.76
1935.....	9.24	10.49	10.77	11.10	11.13	10.28	9.80	10.27	10.36	10.38	9.97	9.79	10.26
1936.....	9.30	8.37	8.65	8.42	7.92	7.86	8.13	8.46	9.16	9.31	10.31	10.27	8.82
1937.....	10.69	10.22	10.79	10.75	11.21	12.11	13.97	14.13	13.78	12.79	10.65	8.96	11.47
1938.....	8.13	7.78	8.46	8.63	8.82	9.50	10.71	10.31	10.42	10.33	10.03	10.13	9.39
1939.....	10.55	10.17	10.29	10.02	9.68								

VEAL CALVES

1929.....	15.83	14.74	15.50	14.43	13.39	14.22	15.30	15.81	16.64	13.76	13.70	13.82	14.76
1930.....	14.80	12.66	11.96	10.55	11.36	11.03	11.37	11.98	11.83	11.33	9.53	9.77	11.51
1931.....	10.62	9.26	7.98	8.12	8.35	8.48	7.81	9.32	9.28	7.75	6.56	6.40	8.33
1932.....	7.56	7.52	6.41	5.44	5.70	6.06	6.10	6.80	7.02	6.48	5.09	5.26	6.21
1933.....	5.57	6.49	5.60	5.18	5.72	5.24	5.94	6.69	7.16	6.47	5.42	5.16	5.88
1934.....	6.01	6.62	6.20	5.94	5.97	4.94	5.26	6.25	7.58	6.82	5.78	5.87	6.10
1935.....	8.03	8.04	8.35	8.36	8.33	8.50	8.00	9.48	9.69	9.76	10.01	10.01	8.88
1936.....	10.45	10.64	8.70	8.93	9.22	9.07	8.32	8.18	9.65	9.48	8.91	10.21	9.30
1937.....	11.10	9.42	9.01	9.18	9.10	9.30	9.65	11.16	11.80	10.80	10.14	10.10	10.07
1938.....	10.09	9.74	8.49	7.80	8.09	8.22	8.60	9.18	9.72	9.99	9.43	8.66	9.00
1939.....	9.42	10.21	9.95	8.80	9.02								

¹ Western steers not included.

Bureau of Agricultural Economics.

Beef-steer prices, monthly and yearly, are the weighted average price of all grades of beef steers sold out of first hands at Chicago. Veal-calf prices from the livestock and meat-reporting service of the Bureau on Good and Choice grades, 1929-37, Good grade 1938-39.

Earlier data in 1932 Yearbook, table 321.

TABLE 439.—*Cattle and calves: Income and cost of cattle shipped in for feeding and breeding, United States, 1909-37*

Year	Cash income ¹ from sales of cattle, calves, beef, and veal	Value of cattle and calves slaughtered for home consumption	Gross income ¹ from sales of cattle, calves, beef, and veal	Cost of cattle ² shipped in for feeding and breeding	Year	Cash income ¹ from sales of cattle, calves, beef, and veal	Value of cattle and calves slaughtered for home consumption	Gross income ¹ from sales of cattle, calves, beef, and veal	Cost of cattle ² shipped in for feeding and breeding
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1909.....	785,360	28,914	814,274	144,826	1924.....	1,118,810	24,020	1,142,830	221,654
1910.....	851,006	31,576	882,582	162,799	1925.....	1,252,084	23,595	1,275,679	268,677
1911.....	783,707	28,957	812,664	154,410	1926.....	1,271,278	22,866	1,294,144	278,661
1912.....	884,652	32,489	917,121	184,005	1927.....	1,335,901	23,702	1,359,603	351,644
1913.....	992,364	36,232	1,028,596	208,104	1928.....	1,555,762	25,336	1,581,098	474,771
1914.....	985,459	37,136	1,022,595	180,177	1929.....	1,494,760	24,395	1,519,155	389,655
1915.....	965,631	33,301	998,932	174,116	1930.....	1,183,573	20,764	1,204,337	273,322
1916.....	1,131,694	34,818	1,166,512	222,176	1931.....	838,006	16,056	854,062	180,775
1917.....	1,650,796	42,163	1,692,959	357,846	1932.....	620,561	14,917	635,478	142,323
1918.....	2,028,793	47,760	2,076,553	440,510	1933.....	599,485	14,056	613,544	133,159
1919.....	1,920,850	46,855	1,967,705	473,606	1934.....	815,398	14,779	830,177	114,636
1920.....	1,328,394	41,082	1,369,476	344,520	1935.....	1,061,838	20,693	1,082,533	222,205
1921.....	875,925	26,870	902,795	155,744	1936.....	1,097,767	20,754	1,118,521	186,701
1922.....	1,037,104	26,298	1,063,402	253,518	1937 ³	1,217,193	22,979	1,240,172	230,338
1923.....	1,042,458	26,009	1,068,467	226,287					

¹ No adjustments were made for cattle shipped in and changes in inventory.² Includes cattle purchased from other States and from central markets, but excludes interfarm sales.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 440.—*Cattle and calves: Shipments, slaughter, net production, and income, by States, 1937 (preliminary)*

State and division	Number					Net production ¹		Cash income ² from sales of cattle, calves, beef, and veal	Gross income ³ from sales of cattle, calves, beef, and veal
	Shipments and local slaughter		Cattle shipped in for feeding and breeding	Farm slaughter		Quantity	Value		
	Cattle	Calves		Cattle	Calves				
Thousands	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	31	67	1	2	7	34,315	2,193	2,209	2,240
New Hampshire.....	22	37	6	1	1	17,470	1,064	1,348	1,359
Vermont.....	43	134	6	7	9	57,765	3,476	3,292	3,399
Massachusetts.....	42	75	29	2	3	25,120	1,602	2,578	2,629
Rhode Island.....	8	12	7	1	1	2,870	208	513	532
Connecticut.....	26	71	13	2	2	24,105	1,599	1,919	1,956
New York.....	234	592	13	32	59	333,395	22,883	21,619	22,597
New Jersey.....	43	83	28	3	4	31,650	2,458	3,810	3,889
Pennsylvania.....	269	414	133	34	61	262,420	22,053	26,843	28,092
North Atlantic.....	718	1,485	236	84	147	789,110	57,536	64,131	66,693
Ohio.....	495	427	129	27	24	409,690	33,785	40,902	42,142
Indiana.....	515	323	182	10	5	387,690	31,396	41,306	41,715
Illinois.....	998	449	467	18	14	691,355	57,860	82,595	83,363
Michigan.....	321	342	74	29	40	325,695	24,123	24,799	25,666
Wisconsin.....	482	1,043	66	21	90	613,915	40,556	40,740	41,357
East North Central.....	2,811	2,584	918	105	173	2,428,345	187,720	230,342	234,243
Minnesota.....	794	763	429	50	40	656,935	49,007	54,967	57,625
Iowa.....	1,598	417	648	26	13	1,226,390	100,564	124,536	126,044
Missouri.....	812	452	364	11	10	599,635	47,199	61,304	61,741
North Dakota.....	272	158	29	16	9	237,025	15,482	15,814	16,475
South Dakota.....	391	54	26	11	5	297,745	21,140	21,745	22,299
Nebraska.....	1,240	176	312	20	23	791,460	61,734	87,383	88,820
Kansas.....	1,259	269	369	8	17	793,355	58,224	85,777	86,436
West North Central.....	6,366	2,289	2,177	142	117	4,602,545	353,350	451,526	459,440
North Central.....	9,177	4,873	3,095	247	290	7,030,890	541,070	681,868	693,683
Delaware.....	3	21	1	2	2	6,735	584	605	652
Maryland.....	60	97	31	5	8	52,285	4,434	5,753	5,909
Virginia.....	135	173	20	6	14	151,205	11,298	11,176	11,373
West Virginia.....	107	73	4	8	10	115,710	8,297	8,077	8,290
North Carolina.....	116	83	-----	9	27	91,250	5,490	5,919	6,119
South Carolina.....	85	34	-----	11	7	61,250	3,017	3,539	3,645
Georgia.....	176	68	5	40	30	101,900	5,060	5,540	5,831
Florida.....	164	60	3	19	11	67,545	3,829	5,105	5,222
South Atlantic.....	836	609	64	100	109	647,880	42,009	45,714	47,041
Kentucky.....	298	192	112	6	10	244,925	17,811	20,872	21,078
Tennessee.....	273	190	37	6	10	209,850	13,079	15,556	15,717
Alabama.....	206	97	10	22	5	128,775	5,727	5,853	6,019
Mississippi.....	205	114	15	14	8	183,840	8,199	8,201	8,329
Arkansas.....	221	90	2	15	12	174,655	9,125	8,725	8,882
Louisiana.....	191	88	13	27	17	151,170	7,728	7,080	7,441
Oklahoma.....	823	250	163	16	15	520,840	32,434	42,198	42,668
Texas.....	2,100	898	217	48	38	1,340,145	78,494	97,747	98,836
South Central.....	4,377	1,919	569	154	115	2,954,200	172,597	206,232	208,970
Montana.....	323	133	38	13	22	230,110	15,439	21,008	21,686
Idaho.....	195	37	10	11	12	159,215	9,605	11,223	11,408
Wyoming.....	219	23	52	11	3	175,645	12,387	12,799	13,327
Colorado.....	897	110	231	14	10	368,265	27,852	40,194	40,720
New Mexico.....	379	202	127	8	7	229,265	14,549	20,249	20,387
Arizona.....	314	132	145	6	5	140,895	9,906	16,961	17,225
Utah.....	94	26	13	9	6	95,135	6,033	6,046	6,328
Nevada.....	89	7	10	4	1	78,180	5,262	5,664	5,808
Washington.....	143	61	14	13	42	155,275	10,313	10,105	10,467
Oregon.....	177	56	11	27	35	214,060	14,819	14,201	14,665
California.....	744	512	498	15	25	470,705	35,637	60,798	61,564
Western.....	3,274	1,299	1,149	131	168	2,316,750	161,802	219,248	223,785
United States.....	18,382	10,185	5,113	716	829	13,738,830	975,014	1,217,193	1,240,172

¹ Adjustments were made for cattle shipped in and changes in inventory.² No adjustments were made for cattle shipped in and changes in inventory.

Bureau of Agricultural Economics.

TABLE 441.—Cattle and calves: Annual slaughter, United States, 1899–1938

Year	Cattle slaughtered					Calves slaughtered				
	In wholesale establishments		In retail establishments	On farms	Total	In wholesale establishments		In retail establishments	On farms	Total
	Federally inspected	All other				Federally inspected	All other			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1899.....	5,748	840	3,300	900	10,788	351	751	2,200	700	4,002
1900.....	5,801	791	3,300	900	10,792	422	683	2,200	800	4,105
1901.....	6,312	864	3,400	950	11,526	571	697	2,200	850	4,318
1902.....	6,465	936	3,400	950	11,751	679	950	2,300	925	4,854
1903.....	6,755	1,011	3,500	1,000	12,266	792	1,002	2,300	950	5,044
1904.....	6,702	855	3,600	1,100	12,257	870	881	2,400	925	5,076
1905.....	7,259	937	3,700	1,200	13,096	1,089	4,192	2,500	950	5,731
1906.....	7,541	916	3,800	1,200	13,456	1,643	594	2,600	1,050	6,187
1907.....	7,633	953	3,900	1,400	13,886	2,024	671	2,700	1,000	6,395
1908.....	7,279	890	4,000	1,400	13,569	1,958	738	2,800	1,050	6,546
1909.....	7,714	924	4,088	1,400	14,135	2,189	664	2,879	1,132	6,864
1910.....	7,808	932	4,000	1,400	14,140	2,238	679	2,900	1,100	6,917
1911.....	7,619	923	3,900	1,375	13,817	2,184	671	2,900	1,100	6,855
1912.....	7,253	883	3,900	1,350	13,386	2,278	700	2,800	1,050	6,828
1913.....	6,978	861	3,800	1,300	12,939	1,802	603	2,800	1,000	6,305
1914.....	6,757	844	3,800	1,275	12,676	1,697	555	2,700	975	5,927
1915.....	7,153	873	3,700	1,175	12,901	1,819	560	2,700	975	6,054
1916.....	8,310	958	3,400	1,125	13,793	2,367	686	2,600	975	6,628
1917.....	10,350	1,116	3,200	1,075	15,741	3,143	854	2,400	975	7,372
1918.....	11,829	1,214	3,000	1,050	17,093	3,456	879	2,200	950	7,485
1919.....	10,091	1,086	2,900	950	15,027	3,969	882	2,400	950	8,201
1920.....	8,609	1,011	2,900	950	13,470	4,058	898	2,600	925	8,481
1921.....	7,608	970	2,900	950	12,428	3,808	961	2,700	925	8,394
1922.....	8,678	1,178	2,900	950	13,706	4,182	950	2,800	900	8,832
1923.....	9,163	1,320	2,900	900	14,283	4,500	1,027	2,900	900	9,327
1924.....	9,593	1,463	2,861	833	14,750	4,935	1,077	2,959	833	9,804
1925.....	9,853	1,587	2,535	729	14,704	5,353	1,135	2,643	805	9,936
1926.....	10,180	1,760	2,192	634	14,766	5,153	1,129	2,293	794	9,369
1927.....	9,520	1,762	1,538	593	13,413	4,876	1,102	1,765	735	8,478
1928.....	8,467	1,693	1,384	494	12,028	4,680	1,080	1,228	654	7,651
1929.....	8,324	1,790	1,464	460	12,038	4,489	1,073	1,217	627	7,406
1930.....	8,170	1,813	1,565	487	12,035	4,595	1,010	1,454	677	7,736
1931.....	8,108	1,877	1,550	520	12,055	4,717	1,043	1,491	755	8,006
1932.....	7,625	1,852	1,724	717	11,918	4,492	1,134	1,476	792	7,894
1933.....	8,555	1,880	1,700	790	13,025	4,907	1,108	1,606	842	8,463
1934.....	¹ 9,943	2,273	1,924	828	14,968	² 6,078	1,331	1,585	985	9,979
1935.....	¹ 9,666	2,358	1,965	787	14,776	² 5,679	1,386	1,580	930	9,575
1936.....	¹ 10,972	2,452	1,900	769	16,093	² 6,070	1,372	1,708	988	10,138
1937.....	10,070	2,613	1,841	715	15,239	6,281	1,465	1,547	788	10,081
1938.....	9,776	2,490	1,820	657	14,743	5,492	1,317	1,563	745	9,117

¹ Excludes 3,333,570 cattle in 1934; 186,683 in 1935, and 3,500 in 1936, slaughtered for Government account.² Excludes 1,376,572 calves in 1934; 39,358 in 1935, and 163 in 1936, slaughtered for Government account.

Bureaus of Animal Industry and Agricultural Economics. From 1899 to 1906, figures in "Federally inspected" column are the estimated equivalent of Federally inspected slaughter.

TABLE 442.—Cattle and calves: Number purchased at public stockyards and other sources for slaughter under Federal inspection, 1923-38¹

Year	Cattle				Calves			
	Public stockyards		Other sources		Public stockyards		Other sources	
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
1923.....	8,331	88.9	1,037	11.1	3,640	85.7	609	14.3
1924.....	8,773	88.4	1,154	11.6	4,053	84.0	774	16.0
1925.....	9,085	88.3	1,199	11.7	4,490	84.4	828	15.6
1926.....	9,188	88.0	1,259	12.0	4,288	82.3	915	17.7
1927.....	8,640	88.2	1,160	11.8	4,092	83.0	840	17.0
1928.....	7,649	87.8	1,063	12.2	3,957	83.7	772	16.3
1929.....	7,493	87.1	1,114	12.9	3,692	81.9	818	18.1
1930.....	7,237	86.1	1,173	13.9	3,623	79.9	913	20.1
1931.....	6,987	85.1	1,228	14.9	3,637	77.4	1,061	22.6
1932.....	6,408	82.3	1,374	17.7	3,305	72.9	1,226	27.1
1933.....	7,163	81.4	1,636	18.6	3,521	71.6	1,399	28.4
1934.....	8,037	80.2	1,988	19.8	4,386	70.4	1,845	29.6
1935.....	7,763	81.1	1,813	18.9	4,209	72.4	1,605	27.6
1936.....	8,707	79.5	2,243	20.5	4,423	70.4	1,858	29.6
1937.....	7,750	77.5	2,254	22.5	4,267	66.3	2,165	33.7
1938.....	7,570	74.9	2,542	25.1	3,643	64.2	2,028	35.8

¹ Percentages are obtained from the monthly survey of slaughtering establishments and applied to the Federally inspected slaughter. Yearly percentages formerly published have been revised, due to the inclusion of reports from additional plants. In the future, monthly reports released currently will be considered preliminary, and yearly percentages final.

Bureau of Agricultural Economics.

TABLE 443.—Beef: Stocks in cold-storage warehouses and meat-packing establishments, United States, 1929-39

Kind and year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
Beef, frozen:	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1929.....	77,051	72,117	67,486	60,664	51,442	39,878	35,759	31,085	32,122	38,996	51,902	70,390
1930.....	77,230	72,092	69,800	64,146	57,273	49,913	46,819	45,830	42,433	45,516	47,221	54,894
1931.....	55,949	52,130	47,334	41,509	34,082	31,195	28,842	25,211	24,061	20,861	20,871	25,364
1932.....	77,812	36,147	35,663	31,377	26,837	22,429	17,856	14,975	12,943	14,139	23,324	27,843
1933.....	29,279	26,521	23,475	21,541	19,606	18,954	23,164	27,972	33,160	35,261	41,816	50,706
1934 ¹	58,377	51,960	44,481	36,259	27,866	24,256	26,988	40,363	62,798	75,580	89,387	105,092
1935.....	116,202	102,494	86,589	75,565	56,557	44,440	37,944	33,228	33,046	34,227	49,886	74,657
1936.....	84,339	82,373	66,822	61,099	47,924	35,401	26,527	26,711	43,863	59,677	78,167	121,744
1937.....	159,493	148,042	135,266	111,751	85,651	62,854	43,191	34,105	29,250	25,169	31,960	41,179
1938.....	46,985	45,313	43,965	37,991	29,481	24,038	23,343	24,023	21,820	23,753	28,019	37,633
1939.....	42,421	37,677	31,963	26,844	23,648	22,124	21,876	.....	.....	.....	.....	.....
Beef, cured and in process of cure:												
1929.....	21,862	21,873	21,285	20,943	19,272	17,437	16,296	14,845	15,892	17,438	20,157	23,054
1930.....	26,653	26,328	25,708	24,597	23,347	21,643	20,072	18,761	17,322	16,508	16,641	18,496
1931.....	19,636	20,268	20,288	19,602	19,068	18,253	16,706	15,844	14,989	14,310	13,536	13,794
1932.....	15,397	15,138	15,444	14,969	14,389	13,226	12,053	11,744	11,433	11,770	12,712	13,186
1933.....	13,591	13,029	12,540	12,240	11,052	11,584	11,972	13,851	15,286	15,937	17,417	19,304
1934 ¹	20,855	20,988	20,294	19,589	18,724	18,290	18,483	21,182	17,277	16,995	19,012	22,861
1935.....	24,738	24,603	24,188	22,985	21,002	19,083	17,709	16,245	14,246	13,999	15,578	19,507
1936.....	21,871	22,074	20,106	18,410	17,087	15,733	14,695	16,203	20,392	23,129	26,794	31,025
1937.....	34,267	32,874	32,182	30,940	28,002	23,314	20,331	17,361	15,332	13,577	11,937	12,562
1938.....	13,985	14,056	13,058	12,510	10,664	9,563	10,387	11,902	12,647	13,190	13,199	15,005
1939.....	15,766	15,449	14,441	14,126	13,218	12,526	11,681	.....	.....	.....	.....	.....

¹ Stocks of meat from drought-stricken livestock purchased by Federal Surplus Relief Corporation are not included in these figures for year 1934 or January and February 1935.

Bureau of Agricultural Economics; compiled from reports made by cold-storage warehouses and meat-packing establishments. Data for earlier years in 1928 Yearbook, table 365.

TABLE 444.—Beef and beef products: International trade, averages 1925-34, annual 1936 and 1937

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Argentina.....	1,552,601	93	1,058,746	57	982,921	35	1,138,932	32
Uruguay.....	334,616	0	255,162	2	179,907	0	224,594	0
Australia ²	284,476	1,711	231,881	1,653	248,664	736	308,373	2,829
Netherlands.....	237,540	159,721	91,431	90,083	27,691	36,403	36,671	85,309
United States.....	144,303	³ 84,233	98,890	³ 53,524	52,336	180,684	41,124	100,030
New Zealand.....	115,286	626	131,293	451	154,029	461	170,356	-----
Brazil.....	109,765	7,221	130,415	2,088	139,584	1,067	22,033	-----
Canada.....	42,516	1,867	10,659	1,138	28,133	12,455	19,934	13,147
Denmark.....	27,975	12,359	47,047	7,929	16,852	1,520	54,014	1,266
Union of South Africa.....	23,193	8,397	19,752	6,569	22,647	1,916	16,997	1,087
Poland.....	17,646	2,632	10,874	1,131	1,017	570	1,456	608
Rumania.....	8,324	377	2,465	397	4	368	22	416
Ireland.....	8,992	8,581	3,968	5,250	3,350	3,628	872	3,131
Hungary.....	4,834	207	3,020	20	1,435	14	1,237	9
Total.....	2,912,067	287,425	2,095,573	170,292	1,858,570	239,857	2,036,615	207,834
PRINCIPAL IMPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United Kingdom.....	34,345	1,795,364	28,466	1,575,517	49,227	1,552,449	36,242	1,613,105
Germany.....	4,267	386,911	7,275	97,386	21	119,283	10	148,951
France.....	35,518	146,920	29,109	82,915	22,289	23,421	18,402	44,180
Belgium.....	38,589	122,183	9,745	68,510	3,934	19,459	4,339	20,583
Japan.....	0	68,201	0	50,129	0	45,887	188	38,806
Cuba.....	267	44,490	36	23,364	8	3,676	-----	-----
Italy ⁴	337	23,611	595	17,080	1,055	62,240	1,843	72,708
Sweden.....	8,759	19,044	6,539	16,462	6,810	20,634	8,973	22,676
Spain.....	55	16,785	29	22,721	-----	-----	-----	-----
Norway.....	1,880	14,365	2,651	6,281	4,359	1,044	3,853	1,449
British India.....	1,254	11,346	753	13,810	388	20,773	474	23,562
Philippine Islands.....	0	11,013	0	5,310	0	5,646	0	5,159
Czechoslovakia.....	464	8,165	62	3,469	7	953	9	313
Yugoslavia.....	4,975	7,826	6,156	10,053	4,198	6,109	2,722	14,469
Algeria.....	843	7,415	382	6,806	265	4,900	119	2,201
British Malaya.....	682	6,958	510	5,418	383	5,179	368	6,063
Switzerland.....	799	6,373	368	7,367	221	5,975	347	7,372
Finland.....	80	5,235	120	2,858	3	2,410	42	5,970
Austria ⁵	5,337	5,149	3,811	6,850	3,435	6,980	2,206	5,970
Egypt.....	11	4,767	9	2,549	30	5,083	-----	3,056
Chile.....	125	3,645	149	⁶ 1,207	213	1,526	222	-----
Dominican Republic.....	0	1,972	0	1,746	0	0	0	-----
China.....	5,071	1,619	761	1,718	1,302	2,180	13	1,753
Total.....	143,637	2,719,977	97,526	2,038,476	98,148	1,915,807	80,375	2,035,249

¹ Preliminary.² Year ended June 30.³ The import figures include canned beef and veal as taken from reports of the Bureau of Animal Industry, through 1933.⁴ Includes only oleomargarine, tallow, and artificial butter; meat imports into Italy are not separated as to kinds, although a large quantity of unclassified fresh and frozen meat is undoubtedly beef.⁵ Average figures are general imports; beginning 1933 special trade used.⁶ 4-year average.

Bureau of Agricultural Economics. Compiled from official sources. This table includes fresh, pickled or salted, and canned beef, tallow, oleo oil, oleo stock, oleo stearin, and oleomargarine.

STATISTICS OF BEEF CATTLE, HOGS, SHEEP, HORSES, MULES 321

TABLE 445.—Cattle-tick eradication: Progress and status of the work Dec. 1, 1938

State	Quarantined counties on—		Released counties to Dec. 1, 1938			Released counties tick-free on Nov. 1—						
	July 1, 1906	Dec. 1, 1937	Tick-free	With 1 or more infested herds	Total counties released	1933	1934	1935	1936	1937	1938	
Alabama.....	67	0	67	0	67	66	67	67	67	67	67	
Arkansas.....	75	0	74	1	75	64	63	68	70	75	74	
California.....	15	0	15	0	15	15	15	15	14	15	15	
Florida.....	67	6	59	2	61	44	48	55	58	58	59	
Georgia.....	158	0	158	0	158	158	158	155	158	158	158	
Kentucky.....	2	0	2	0	2	2	2	2	2	2	2	
Louisiana.....	64	0	54	10	64	14	16	24	29	42	54	
Mississippi.....	82	0	82	0	82	79	74	77	79	82	82	
Missouri.....	4	0	4	0	4	4	4	4	4	4	4	
North Carolina.....	73	0	73	0	73	73	73	73	73	73	73	
Oklahoma.....	61	0	61	0	61	60	61	61	61	61	61	
South Carolina.....	46	0	46	0	46	46	46	46	46	46	46	
Tennessee.....	42	0	42	0	42	42	42	42	42	42	42	
Texas.....	198	9	163	26	189	135	130	127	137	149	163	
Virginia.....	31	0	29	2	31	31	31	31	31	31	29	
Total.....	985	15	929	41	970	833	830	847	871	905	929	

Bureau of Animal Industry.

TABLE 446.—Hogs, including pigs: Number and value on farms, United States, Jan. 1, 1867-1939

Year	Number	Farm value		Year	Number	Farm value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1867.....	34,459	3.95	136,396	1904.....	51,623	6.08	313,788
1868.....	33,304	3.23	107,689	1905.....	53,176	5.89	312,941
1869.....	32,670	4.60	149,801	1906.....	53,633	6.07	325,689
1870 ¹	25,185			1907.....	56,543	7.54	426,236
1870.....	33,781	5.64	190,387	1908.....	58,358	5.90	349,906
1871.....	36,688	5.48	201,194	1909.....	52,908	6.45	338,728
1872.....	39,296	3.96	155,451	1910.....	48,186	9.05	435,180
1873.....	39,794	3.60	143,325	1911.....	48,072	9.05	416,304
1874.....	38,377	3.93	151,000	1912.....	55,366	9.23	512,354
1875.....	35,834	4.65	166,647	1913.....	55,394	7.90	442,354
1876.....	35,715	5.97	213,110	1914.....	53,747	9.89	531,586
1877.....	39,333	5.68	223,583	1915.....	82,853	10.51	869,435
1878.....	43,375	4.89	212,045	1916.....	56,600	9.95	563,289
1879.....	43,767	3.15	137,893	1917.....	60,596	8.48	514,138
1880 ¹	49,773			1918.....	57,678	11.82	680,599
1880.....	44,327	4.40	195,008	1919.....	62,931	19.69	1,239,346
1881.....	43,076	4.80	206,878	1920.....	64,326	22.18	1,426,499
1882.....	42,566	6.00	255,596	1921.....	69,546		
1883.....	43,440	6.74	292,994	1922.....	60,159	20.00	1,203,052
1884.....	45,961	5.64	259,053	1923.....	58,942	13.63	803,544
1885.....	47,330	5.06	239,548	1924.....	50,849	10.58	536,313
1886.....	45,457	4.30	195,455	1925.....	69,304	12.29	851,538
1887.....	42,563	4.60	195,904	1926.....	66,576	10.30	685,574
1888.....	42,124	5.12	215,540	1927.....	50,854		
1889.....	44,508	5.80	258,240	1928.....	55,770	13.15	733,220
1890 ¹	67,487			1929.....	52,105	15.66	815,730
1890.....	48,130	4.80	231,103	1930.....	55,496	17.19	953,974
1891.....	47,435	4.24	201,045	1931.....	61,873	13.17	814,902
1892.....	45,165	4.65	209,935	1932.....	59,042	12.93	763,604
1893.....	43,652	6.37	278,183	1933.....	56,788		
1894.....	46,322	6.06	281,867	1934.....	45,705	12.45	749,481
1895.....	47,628	5.09	242,659	1935.....	54,835	11.35	622,239
1896.....	49,154	4.50	221,278	1936.....	59,301	6.13	363,315
1897.....	51,232	4.36	223,296	1937.....	62,127	4.21	261,730
1898.....	53,282	4.70	250,188	1938.....	58,621	4.09	239,541
1899.....	51,558	4.67	240,717	1939 ¹	57,215		
1900 ¹	68,868			1940.....	39,004	6.31	246,196
1900.....	51,055	5.35	273,829	1941.....	42,837	12.72	744,911
1901.....	50,681	6.08	308,375	1942.....	42,770	11.89	608,643
1902.....	47,858	6.95	332,589	1943.....	44,218	11.26	498,070
1903.....	48,100	7.69	370,039	1944.....	49,011	11.17	547,461

¹ Italic figures are from the census. Census dates were June 1, 1870, 1880, 1890, and 1900; Apr. 15, 1910; Jan. 1, 1920, and 1925; Apr. 1, 1930; Jan. 1, 1935. 1900, 1910, and 1940 include spring-born pigs.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 447.—Hogs, including pigs: Number on farms and farm value per head, by States, January 1, 1935-39

State and division	Number					Farm value per head ¹				
	1935	1936	1937	1938	1939 ²	1935	1936	1937	1938	1939
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
Maine.....	44	45	53	53	49	8.00	11.30	10.30	11.40	10.20
New Hampshire.....	14	16	18	17	17	8.70	11.80	10.60	12.90	10.40
Vermont.....	23	27	30	31	29	8.40	11.10	9.80	10.80	9.40
Massachusetts.....	90	95	105	103	113	8.80	11.40	10.10	12.20	10.70
Rhode Island.....	6	7	8	7	7	9.80	13.70	12.20	14.60	12.70
Connecticut.....	25	27	30	29	30	9.40	12.70	11.10	12.70	10.10
New York.....	190	209	240	230	251	8.20	12.60	11.60	11.90	11.10
New Jersey.....	512	64	77	66	83	10.70	13.00	12.80	11.30	11.30
Pennsylvania.....	554	604	652	639	671	8.10	13.70	13.00	12.70	11.80
North Atlantic.....	1,009	1,094	1,213	1,185	1,250	8.36	13.17	12.17	12.42	11.35
Ohio.....	2,160	2,333	2,660	2,607	2,737	6.10	12.60	11.80	11.00	11.10
Indiana.....	2,675	2,942	3,089	3,182	3,405	6.40	13.50	12.80	12.20	12.10
Illinois.....	3,510	3,890	4,053	4,134	4,423	7.90	14.60	14.40	13.60	13.30
Michigan.....	1,064	1,340	1,273	1,298	1,454	6.60	14.50	11.80	12.90	11.90
Wisconsin.....	1,064	1,340	1,273	1,298	1,454	7.40	14.60	12.60	12.70	12.30
East North Central.....	9,921	11,069	11,776	11,887	12,732	6.97	13.87	13.06	12.47	12.33
Minnesota.....	1,900	2,242	2,242	2,466	2,737	7.50	16.40	14.70	14.20	13.50
Iowa.....	6,250	7,250	6,525	7,504	8,179	7.80	15.80	15.80	14.60	14.20
Missouri.....	2,400	2,760	2,622	2,622	3,120	4.50	11.30	9.50	10.50	10.30
North Dakota.....	232	345	259	311	570	5.70	15.90	13.10	13.10	13.60
South Dakota.....	600	900	585	679	849	5.10	15.30	13.80	12.70	13.80
Nebraska.....	2,034	2,238	1,567	1,598	1,998	6.10	14.70	13.90	12.30	13.40
Kansas.....	1,200	1,248	874	804	1,045	4.80	11.10	11.00	9.80	10.90
West North Central.....	14,616	16,983	14,674	15,984	18,239	6.61	14.62	13.89	13.61	13.15
North Central.....	24,537	28,052	26,450	27,871	30,971	6.76	14.32	13.52	12.78	12.82
Delaware.....	26	27	29	29	33	7.80	13.90	12.00	11.30	10.40
Maryland.....	159	167	184	191	210	6.50	10.10	10.00	9.00	8.80
Virginia.....	543	597	663	663	683	6.10	9.50	9.20	8.90	8.40
West Virginia.....	188	207	213	209	217	5.90	9.20	8.70	8.70	8.50
North Carolina.....	947	966	1,111	1,111	1,155	7.60	10.60	10.40	9.90	9.40
South Carolina.....	509	519	550	540	583	5.70	8.50	8.80	8.60	7.90
Georgia.....	1,273	1,235	1,420	1,363	1,554	4.75	7.60	7.80	7.10	7.20
Florida.....	447	438	499	519	566	3.55	5.60	6.80	5.90	5.80
South Atlantic.....	4,092	4,156	4,669	4,625	5,001	5.73	8.70	8.79	8.25	7.91
Kentucky.....	1,035	1,004	1,004	1,024	1,167	5.50	9.40	8.90	9.10	9.00
Tennessee.....	1,002	982	992	1,012	1,154	5.60	9.40	9.80	8.70	8.80
Alabama.....	889	969	1,085	1,096	1,195	5.50	8.10	8.80	7.70	7.60
Mississippi.....	927	927	1,020	1,071	1,189	5.00	7.70	8.00	7.40	7.00
Arkansas.....	887	860	1,032	1,032	1,238	3.95	8.40	7.00	6.90	6.60
Louisiana.....	777	730	818	834	909	4.85	7.90	6.70	6.50	5.70
Oklahoma.....	800	824	700	763	954	3.90	11.30	8.20	8.30	8.50
Texas.....	1,399	1,455	1,658	1,542	1,820	5.20	10.20	8.60	8.00	7.90
South Central.....	7,716	7,751	8,309	8,374	9,626	4.99	9.15	8.31	7.85	7.68
Montana.....	103	103	102	76	84	6.50	12.20	12.60	12.50	12.60
Idaho.....	215	226	295	289	292	5.70	13.10	13.10	11.30	11.60
Wyoming.....	49	42	44	44	49	4.65	14.00	13.40	12.50	12.40
Colorado.....	268	259	298	253	278	5.20	13.30	11.30	9.80	10.30
New Mexico.....	58	64	72	80	85	4.45	10.60	11.20	9.60	10.20
Arizona.....	23	25	20	30	29	5.50	13.80	15.30	12.60	11.60
Utah.....	47	52	75	85	91	5.50	11.70	11.70	9.90	9.60
Nevada.....	17	17	20	23	23	6.40	13.10	12.00	12.30	11.90
Washington.....	164	154	220	216	227	7.10	12.60	12.70	11.00	10.90
Oregon.....	176	202	242	247	242	6.30	11.70	12.50	11.00	10.70
California.....	530	610	732	820	763	6.70	11.30	12.10	10.60	9.90
Western.....	1,650	1,784	2,129	2,163	2,163	6.12	12.16	12.31	10.78	10.59
United States.....	39,004	42,837	42,770	44,218	49,011	6.31	12.72	11.89	11.26	11.17

¹ Sum of total value of subgroups (classified by age and sex), divided by total number, and any value per head under \$5 rounded to nearest nickel for States. Division and United States averages not rounded. State figures are new weighted value series, not comparable to State figures previously published for the years prior to 1925.

² Preliminary.

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TABLE 448.—*Pig crop summary, by States, 1937 and 1938*

State and division	1937				1938 ¹			
	Spring		Fall		Spring		Fall	
	Sows farrowed	Pigs saved	Sows farrowed	Pigs saved	Sows farrowed	Pigs saved	Sows farrowed	Pigs saved
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	7	46	6	37	7	45	5	34
New Hampshire.....	2	15	2	9	2	15	1	10
Vermont.....	4	24	4	26	3	23	4	27
Massachusetts.....	17	99	11	66	16	93	12	74
Rhode Island.....	1	7	1	6	1	6	1	6
Connecticut.....	3	17	3	18	3	16	3	20
New York.....	27	192	20	146	28	193	23	166
New Jersey.....	13	77	8	49	13	79	8	54
Pennsylvania.....	63	408	57	373	62	397	62	415
North Atlantic.....	137	885	112	730	135	867	119	806
Ohio.....	327	2,168	284	1,917	340	2,332	320	2,160
Indiana.....	416	2,687	315	2,051	445	2,977	359	2,369
Illinois.....	550	3,454	305	1,958	616	3,986	366	2,346
Michigan.....	95	645	73	496	95	649	80	546
Wisconsin.....	247	1,667	121	817	267	1,829	141	953
East North Central.....	1,635	10,621	1,098	7,239	1,763	11,773	1,266	8,374
Minnesota.....	478	3,045	156	941	564	3,666	168	1,065
Iowa.....	1,311	8,207	441	2,708	1,429	9,203	498	3,172
Missouri.....	242	1,588	227	1,451	307	2,038	295	1,926
North Dakota.....	68	450	16	101	83	538	13	84
South Dakota.....	153	958	44	259	194	1,236	46	283
Nebraska.....	295	1,876	106	632	330	2,128	132	820
Kansas.....	112	745	102	620	130	855	122	798
West North Central.....	2,659	16,869	1,092	6,712	3,037	19,664	1,274	8,148
North Central.....	4,294	27,490	2,190	13,951	4,800	31,437	2,540	16,522
Delaware.....	3	18	2	13	3	16	2	10
Maryland.....	23	137	23	145	24	149	26	172
Virginia.....	72	466	70	457	73	474	74	488
West Virginia.....	23	154	25	168	23	156	27	189
North Carolina.....	116	697	91	563	124	769	99	634
South Carolina.....	72	410	50	298	79	434	57	342
Georgia.....	175	1,010	130	762	189	1,115	162	940
Florida.....	73	372	49	255	75	382	56	314
South Atlantic.....	557	3,284	440	2,661	590	3,495	503	3,095
Kentucky.....	100	638	103	680	112	728	123	787
Tennessee.....	112	700	95	618	123	775	119	762
Alabama.....	113	622	87	496	122	708	111	633
Mississippi.....	110	578	91	500	120	648	104	593
Arkansas.....	126	698	106	644	151	876	127	749
Louisiana.....	124	614	100	500	143	715	115	586
Oklahoma.....	82	503	84	525	102	632	109	676
Texas.....	174	995	151	895	182	1,037	196	1,156
South Central.....	941	5,348	817	4,858	1,055	6,119	1,004	5,942
Montana.....	11	70	10	66	13	83	12	82
Idaho.....	42	273	23	153	42	273	24	161
Wyoming.....	6	31	2	12	6	40	2	15
Colorado.....	30	179	24	147	27	165	25	152
New Mexico.....	11	62	9	50	10	54	9	48
Arizona.....	4	21	2	10	4	25	2	10
Utah.....	12	74	8	51	13	78	8	53
Nevada.....	3	19	2	11	3	15	2	11
Washington.....	28	184	19	136	27	192	21	151
Oregon.....	28	186	20	145	27	189	21	147
California.....	71	390	79	450	71	405	80	456
Western.....	246	1,459	198	1,231	245	1,519	206	1,286
United States.....	6,175	38,476	3,757	23,431	6,825	43,437	4,372	27,651

¹ Preliminary.

Bureau of Agricultural Economics. Data for the important States for years 1924-36 are in Agricultural Statistics, 1938, table 411.

TABLE 449.—*Pig crop summary, United States, 1924-38*

Year	Spring		Fall		Year	Spring		Fall	
	Sows farrowed	Pigs saved	Sows farrowed	Pigs saved		Sows farrowed	Pigs saved	Sows farrowed	Pigs saved
	Thou- sands	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands	Thou- sands
1924.....	9,799	50,218	4,344	23,847	1932.....	8,810	51,031	5,170	31,494
1925.....	8,334	47,859	3,939	22,451	1933.....	9,122	53,460	5,207	30,740
1926.....	9,048	50,579	4,330	24,865	1934.....	6,825	39,698	2,936	17,068
1927.....	9,754	54,502	4,609	26,744	1935.....	5,394	32,438	3,758	22,648
1928.....	9,801	52,390	4,429	26,292	1936.....	6,920	41,234	3,857	23,683
1929.....	8,854	50,479	4,264	25,646	1937.....	6,175	38,476	3,767	23,431
1930.....	8,278	49,332	4,073	24,803	1938.....	6,825	45,437	4,372	27,661
1931.....	8,969	53,984	4,797	29,192					

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 450.—*Hogs: Receipts at public stockyards, 1929-38*

Year	Chi- cago	Den- ver	East St. Louis	Fort Worth	Kan- sas City	Oma- ha	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets ¹	All others report- ing	Total re- port- ing ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1929.....	8,193	539	3,865	402	2,476	3,166	1,627	2,869	2,313	25,450	18,647	44,097
1930.....	7,570	512	3,459	279	2,015	3,365	1,446	2,759	2,317	24,021	16,753	40,774
1931.....	7,942	597	2,970	216	1,337	3,525	1,322	3,251	2,646	23,805	15,733	39,538
1932.....	6,602	652	2,626	255	1,356	3,078	1,226	2,600	1,955	20,351	14,677	35,028
1933 ¹	7,792	771	3,328	408	2,077	2,950	1,715	2,742	2,287	24,160	16,217	40,377
1934.....	6,510	709	2,960	404	1,262	2,808	1,594	1,885	2,067	20,199	13,521	33,720
1935.....	3,600	363	2,026	291	580	1,140	663	931	850	10,444	9,118	19,562
1936.....	4,364	497	2,474	372	738	1,763	852	1,995	1,382	14,437	11,962	26,399
1937.....	3,968	321	2,265	351	372	1,110	569	1,591	1,827	11,374	11,292	22,666
1938.....	4,188	290	2,412	279	376	1,214	675	2,017	1,037	12,488	12,313	24,801

¹ Rounded totals of complete figures.² Includes many pigs and sows received for sale on Government account, Aug. 22-Oct. 7, 1933.

Bureau of Agricultural Economics. Compiled from data of the livestock and meat reporting service of the Bureau. Earlier data in 1928 Yearbook, table 376, and 1924 Yearbook, table 500.

TABLE 451.—*Hogs: Receipts at public stockyards, 1929-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1929.....	5,133	4,000	3,436	3,582	3,431	3,275	3,297	2,954	3,089	3,701	3,933	4,256	44,097
1930.....	4,720	3,781	3,294	3,255	3,293	3,215	2,918	2,617	2,799	3,441	3,439	4,002	40,774
1931.....	4,652	3,704	3,207	3,067	2,938	2,854	2,511	2,454	2,727	3,402	3,752	4,210	39,538
1932.....	4,218	3,659	2,939	2,960	3,050	2,545	2,159	2,405	2,505	2,691	2,775	3,123	35,028
1933 ¹	3,388	2,700	2,638	2,798	3,143	3,361	2,871	3,924	6,494	2,521	3,207	3,332	40,377
1934.....	4,245	2,728	2,468	2,674	3,076	2,684	2,519	2,067	2,094	2,807	3,218	3,140	33,720
1935.....	2,422	1,823	1,622	1,650	1,851	1,301	1,336	1,278	1,220	1,652	1,671	2,036	19,562
1936.....	2,532	1,817	2,045	1,875	1,759	1,864	1,915	1,747	1,939	2,613	3,148	3,145	26,399
1937.....	2,500	2,084	2,224	2,036	1,526	1,513	1,157	1,275	1,533	1,907	2,323	2,588	22,666
1938.....	2,893	1,962	1,895	1,724	1,800	1,757	1,570	1,797	1,881	2,255	2,607	2,670	24,801
1939.....	2,699	1,971	2,205	1,906	2,410	.....	.....	.....	.....	.....	.....	.....	.....

¹ Includes many pigs and sows received for sale on Government account, Aug. 22-Oct. 7, 1933.

Bureau of Agricultural Economics. Compiled from data of the livestock and meat reporting service of the Bureau. Earlier data in 1930 Yearbook, table 376.

TABLE 452.—Hogs: Number in countries having 150,000 and over, averages 1926-35, annual 1934-38

Country	Date or month of estimates	Average		1934	1935	1936	1937	1938 ¹
		1926-30 ¹	1931-35 ¹					
NORTH AND CENTRAL AMERICA AND WEST INDIES								
United States	Jan. 1	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
Canada	June	56,844	54,778	58,621	39,004	42,837	42,770	44,218
Mexico	do	3,300	3,698	3,654	3,549	4,145	3,965	3,487
Honduras		298	298					237
Salvador		335	355	396	425	473		
Nicaragua		400	400					
Panama, including Canal Zone		73	192	280				
Cuba		591	794	865	952			
Dominican Republic	May	1,100	1,100					
Haiti		203	319	360	375			
Estimated total ⁷		68,000	66,500					
SOUTH AMERICA								
Colombia		1,400	1,589	1,622				
Venezuela		512	512					
Ecuador		153	200					
Peru	February-April	680	800	800				
Bolivia		375	398					
Chile		331	331			571	340	
Brazil	September	22,099	23,436		24,774			
Uruguay		308	308					
Argentina	June or July	3,769	3,769				3,976	
Estimated total ⁷		29,700	31,400					
EUROPE								
England and Wales	June	2,508	3,234	3,320	3,813	3,804	3,635	3,561
Scotland	do	165	192	206	290	236	248	256
Northern Ireland	do	206	313	380	458	522	570	761
Total United Kingdom		2,879	3,739	3,906	4,531	4,562	4,453	4,378
Ireland	do	1,048	1,064	968	1,088	1,017	934	959
Norway	do	303	400	550	410	410	445	429
Sweden	September or October	1,574	1,556	1,529	1,352	1,444	1,436	1,450
Denmark	July	3,741	4,165	3,061	3,036	3,496	3,065	2,845
Netherlands	May-June	2,018	2,079	2,082	1,524	1,679	1,406	1,512
Belgium	Jan. 1 ¹⁰	1,159	1,298	1,353	1,258	1,284	1,054	872
France	do ¹⁰	5,942	6,606	6,709	7,044	7,043	7,089	7,117
Spain	do ¹⁰	5,024	5,088		5,141			
Portugal	March	1,163	1,199	1,192	1,206			
Italy	March-April	3,086	3,264			3,206	2,814	2,940
Switzerland	April	782	996	1,003	1,088	878	936	923
Germany	Jan. 1 ¹⁰	19,715	23,434	23,890	23,170	22,827	25,892	23,805
Austria	March-June	1,965	2,823	2,823				
Total German Empire		21,680	26,257	26,719				
Czechoslovakia	Jan. 1 ¹⁰	2,814	2,915	3,432	3,032	2,745	3,242	3,611
Hungary	April-July	2,503	2,531	2,502	3,176	2,554	2,624	3,110
Yugoslavia	Jan. 1	2,743	2,874	2,656	2,792	2,932	3,126	3,180
Greece	Jan. 1 ¹⁰	422	464	507	584	624	607	
Bulgaria	do ¹⁰	1,092	902		902			
Rumania	do ¹⁰	2,915	2,874			2,969		
Poland	June 30	5,736	6,546	7,091	6,723	7,060	7,696	7,488
Lithuania	Jan. 1 ¹⁰	1,189	1,250	1,236	1,237	1,201	1,190	1,192
Latvia	June	499	674	686	803	674	739	814
Estonia	July	317	295	282	289	245	379	285
Finland	September	404	460	496	510	459		
Union of Soviet Socialist Republics	Summer	21,040	15,615	17,450	22,556	30,400		
Estimated total excluding Soviet Union. ⁷		71,100	79,700					

See footnotes at end of table.

TABLE 452.—Hogs: Number in countries having 150,000 and over, averages 1926-35, annual 1934-38—Continued

Country	Date or month of estimates	Average		1934	1935	1936	1937	1938 ²
		1926-30 ¹	1931-35 ¹					
AFRICA								
French West Africa ¹⁴		Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
French West Africa ¹⁴		210	165	157	158	166		
Belgian Congo		65	144	200	348			
Angola	April	285	318					
Union of South Africa	August	888	908	¹⁵ 850	¹⁶ 965	¹⁷ 1,061		
Madagascar	Jan. 1 ¹⁰	375	478	502	504	650	650	1,000
Estimated total ⁷		2,500	2,800					
ASIA								
India (Portuguese)		¹⁸ 250	¹⁸ 250					
China (including Turkes- tan, Manchuria, Inner Mongolia).		(80,000)	84,000	¹⁹ 88,000	¹⁹ 81,000	¹⁹ 81,000		
Japan	Jan. 1 ¹⁰	688	902	914	981	1,063	1,110	
Chosen	do. ¹⁰	1,244	1,417	1,425	1,584	1,616	1,574	
Taiwan	do. ¹⁰	1,619	1,777	1,806	1,836	1,873	1,813	
French Indochina		2,587	3,217	3,338	3,544	3,700		
Siam	March	¹⁷ 864	¹⁷ 864					
British Malaya		305	447	562	661	713	707	
Philippine Islands	Jan. 1 ¹⁰	2,236	2,697	2,742	2,880	3,019	3,126	
Netherland India	do. ¹⁰	940	995					
Estimated total ex- cluding Soviet Un- ion. ⁷		92,100	96,900					
OCEANIA								
Australia	Jan. 1 ¹⁰	985	1,121	1,047	1,158	1,294	1,203	
New Zealand	Jan. 31	525	601	660	763	808	795	748
Estimated total ⁷		1,600	1,800					
Total countries re- porting all periods: To 1937 (23). ¹⁸		117,093	122,321	126,433	106,373	110,491	113,887	113,523
Estimated world to- tal including Sov- iet Union. ⁷		286,100	294,700					

¹ Average for 5-year period if available; otherwise for any year or years within that period unless otherwise stated.

² Preliminary.

³ Number on Jan. 1, 1939, was 49,011,000.

⁴ Average of 1926 estimate for 96 percent of municipalities and the final figures of the 1930 census.

⁵ Census. The latest census in many countries was in 1930.

⁶ Estimate for 1930 or later year.

⁷ These totals include interpolations for a few countries not reporting each year and rough estimates for some others.

⁸ Year 1922.

⁹ Year 1931.

¹⁰ Estimates for December of preceding year.

¹¹ Census 1925.

¹² Average of 1936 and 1930 censuses.

¹³ Including the Saar where hogs numbered 102,000 in 1936, and 110,000 in 1937, and 97,600 in 1938.

¹⁴ Includes French Sudan.

¹⁵ Year 1927.

¹⁶ Estimate for total China based on official returns in June 1934, March 1935, and March 1936 for 20 provinces which supported 78 percent of total in 1934. The official estimates excluding Manchuria and Turkestan were 69,038,000 in June 1934, and 62,639,000 in March 1935, and 63,027,000 in March 1936. These figures are based on a new method of estimating and the 1933 estimate formerly used is now considered by the Chinese agricultural authorities as overestimated. The number comprised in Turkestan, Manchuria, and Inner Mongolia are included with China in this table as they are not accounted for elsewhere.

¹⁷ Year 1921.

¹⁸ Comparable totals for number of countries indicated.

Bureau of Agricultural Economics. Compiled from official sources and International Institute of Agriculture, unless otherwise stated. Figures in parentheses interpolated.

TABLE 453.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost per 100 pounds, 1928-38

NUMBER SLAUGHTERED															
Year begin- ning Octo- ber	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Oct. to Apr.	May	June	July	Aug.	Sept.	May to Sept.	Oct. to Sept.
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1928....	3,713	4,455	5,782	5,738	4,478	3,645	3,761	31,572	3,798	3,756	3,597	3,130	3,104	17,385	48,957
1929....	3,857	4,499	5,083	5,001	4,034	3,392	3,480	29,346	3,823	3,689	3,187	2,724	2,773	16,196	45,542
1930....	3,492	4,024	4,647	5,362	4,142	3,523	3,488	28,678	3,408	3,251	2,767	2,500	2,955	14,881	43,655
1931....	3,772	4,218	5,387	5,027	4,590	3,664	3,714	30,371	3,940	3,320	2,802	2,970	3,252	16,284	46,655
1932....	3,605	3,778	4,584	4,700	3,647	2,602	3,847	27,762	4,286	4,626	3,914	3,477	3,038	10,341	47,103
1933....	3,058	4,501	4,530	5,391	3,433	3,039	3,411	27,363	4,218	3,763	3,323	2,641	2,601	16,548	43,911
1934....	3,545	4,312	4,197	3,048	2,409	2,158	2,178	21,846	2,172	1,828	1,712	1,668	1,453	8,833	30,679
1935....	2,135	2,422	2,875	3,428	2,319	2,617	2,559	18,355	2,579	2,739	2,692	2,254	2,403	12,668	31,022
1936....	3,492	4,292	4,681	3,519	2,842	3,033	2,810	24,669	2,099	2,110	1,643	1,590	2,033	9,474	34,142
1937....	2,711	3,295	3,958	4,201	2,833	2,610	2,462	22,070	2,585	2,533	2,254	2,467	2,671	12,510	34,580
1938....	3,311	3,913	4,346	4,043	2,890	3,229	2,931	24,664	3,416						

AVERAGE LIVE WEIGHT															
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1928....	227	224	223	225	228	229	230	226	232	240	250	249	238	240	241
1929....	229	220	224	229	231	230	228	227	230	239	250	245	231	239	231
1930....	222	221	226	236	234	236	235	230	235	245	258	246	229	242	234
1931....	219	216	222	226	227	228	229	224	227	232	244	240	236	235	228
1932....	225	226	227	229	226	228	232	228	232	237	242	243	237	238	222
1933....	228	223	220	225	222	223	224	223	222	227	233	231	225	227	225
1934....	216	210	206	213	215	219	223	213	229	236	245	237	234	236	220
1936....	230	226	228	229	222	229	231	228	232	242	247	241	224	237	232
1936....	213	211	215	217	219	220	217	216	221	236	246	238	232	234	221
1937....	225	225	229	234	228	228	230	229	235	251	260	245	228	243	234
1938....	220	224	230	235	230	230	232	229							

AVERAGE COST PER 100 POUNDS, LIVE-WEIGHT BASIS															
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1928....	9.71	8.86	8.54	9.00	9.96	11.22	11.17	9.64	10.77	10.58	11.09	10.65	10.01	10.70	10.03
1929....	9.43	9.01	9.22	9.68	10.39	10.17	9.80	9.64	9.86	9.57	8.68	9.35	9.89	9.47	9.58
1930....	9.27	8.52	7.92	7.63	6.99	7.37	7.28	7.82	6.46	6.22	6.22	6.05	5.39	6.09	7.21
1931....	5.03	4.56	4.07	3.95	3.81	4.21	3.80	4.18	3.22	3.36	4.48	4.25	3.99	3.82	4.05
1932....	3.47	3.25	2.97	2.97	3.28	3.65	3.03	3.29	4.26	4.41	4.28	3.98	4.00	4.22	3.68
1933....	4.45	3.93	3.21	3.32	4.14	4.22	3.74	3.79	3.45	3.82	4.31	5.31	6.71	4.52	4.07
1934....	5.55	5.39	5.64	7.65	8.06	9.03	8.88	6.81	9.07	9.27	9.38	10.86	11.18	9.86	7.75
1935....	10.03	9.23	9.46	9.66	10.02	10.08	10.34	9.82	9.54	9.64	9.65	10.06	9.97	9.76	9.79
1936....	9.46	9.27	9.83	10.15	9.86	9.99	9.92	9.76	10.62	10.95	11.48	11.73	11.22	11.17	10.18
1937....	10.13	8.50	7.86	7.91	8.26	8.95	8.28	8.47	8.04	8.51	8.65	8.11	8.32	8.33	8.41
1938....	7.87	7.64	7.39	7.28	7.71	7.42	6.88	7.45							

Bureau of Agricultural Economics. Averages obtained from monthly survey of slaughtering establishments, not all of which are under Federal inspection. Averages for 5-, 7-, and 12-month periods weighted by Federally inspected slaughter.

TABLE 454.—Hogs: Average price per 100 pounds received by farmers, United States, 1929-39

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	8.18	8.88	10.00	10.20	9.96	9.80	10.33	10.28	9.53	9.10	8.54	8.53	9.42
1930.....	8.80	9.48	9.57	9.17	8.99	9.10	8.38	8.51	9.44	8.79	8.20	7.44	8.84
1931.....	7.25	6.81	6.92	6.92	6.35	5.70	6.20	6.25	5.44	4.70	4.36	3.76	5.73
1932.....	3.76	3.53	3.90	3.58	2.95	2.82	4.23	4.06	3.78	3.25	3.05	2.73	3.54
1933.....	2.68	2.94	3.22	3.21	3.88	3.96	3.98	3.79	3.73	4.17	3.70	2.92	3.53
1934.....	3.06	3.87	3.88	3.49	3.17	3.52	3.97	4.61	6.04	5.20	5.04	5.15	4.14
1935.....	6.87	7.10	8.10	7.88	7.92	8.36	8.40	10.22	10.29	9.56	8.54	8.72	8.63
1936.....	8.91	9.34	9.17	9.35	8.59	8.91	9.14	9.89	9.68	9.17	8.74	9.09	9.30
1937.....	9.40	9.19	9.17	9.04	9.39	9.97	10.70	11.46	10.55	9.78	8.25	7.54	9.47
1938.....	7.59	7.74	8.35	7.77	7.35	8.00	8.56	7.81	8.07	7.28	7.25	6.90	7.72
1939.....	6.96	7.21	7.10	6.57	6.39	-----	-----	-----	-----	-----	-----	-----	-----

¹ Revised.² Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by number of hogs, Jan. 1, to obtain price for the United States; yearly price obtained by weighting State averages by estimated sales. Data for earlier years in February 1936 issue of Crops and Markets, p. 41.

TABLE 455.—Hogs: Average live weight at Chicago, 1928-38

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Weighted average October- April	May	June	July	Aug.	Sept.	Weighted average May-Septem- ber
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
1928.....	247	238	231	228	228	238	241	235	239	247	257	265	259	254
1929.....	242	223	224	228	231	235	234	230	238	245	257	255	244	248
1930.....	227	221	226	235	227	242	240	232	240	251	258	256	240	249
1931.....	222	217	223	230	233	237	238	228	239	245	260	263	260	254
1932.....	241	231	229	233	236	246	251	237	250	253	257	258	251	254
1933.....	239	231	227	227	227	235	231	230	231	238	248	250	245	241
1934.....	228	215	212	227	227	238	240	224	245	257	262	266	259	258
1935.....	246	229	229	234	234	246	249	237	248	256	268	270	252	259
1936.....	226	217	226	233	239	245	243	231	243	255	268	275	262	260
1937.....	242	235	235	242	247	257	253	243	255	272	282	287	260	271
1938.....	232	235	243	247	255	259	258	246	256	-----	-----	-----	-----	-----

Bureau of Agricultural Economics: Compiled from reports of the livestock and meat-reporting service of the Bureau.

Weighted average of packer and shipper purchases. Data for 1900-23 are available in 1924 Yearbook, table 506, and for 1924-28 in 1934 Yearbook, table 336.

TABLE 456.—Hogs: Average price per 100 pounds at Chicago, 1928-38

Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1928.....	9.57	8.53	8.51	9.22	10.19	11.44	11.41	10.72	11.20	10.52	9.85	9.76	10.01
1929.....	9.38	9.06	9.34	9.78	10.67	10.17	10.02	9.52	8.73	9.58	9.76	9.85	9.65
1930.....	8.53	7.92	7.65	7.06	7.46	7.26	6.53	6.35	6.35	5.93	5.41	7.23	7.23
1931.....	5.09	4.61	4.20	4.00	3.89	4.33	3.85	3.34	3.62	4.58	4.21	4.00	4.18
1932.....	3.50	3.34	3.04	3.12	3.46	3.88	3.77	4.51	4.49	4.41	3.97	4.24	3.80
1933.....	4.43	4.04	3.25	3.41	4.39	4.31	3.85	3.51	4.09	4.49	5.89	6.82	4.15
1934.....	5.60	5.66	5.89	7.70	8.35	9.09	8.94	9.31	9.27	9.49	10.78	10.95	7.87
1935.....	9.83	9.31	9.57	9.85	10.37	10.24	10.47	9.58	9.88	9.76	10.06	9.89	9.88
1936.....	9.55	9.48	9.96	10.24	10.08	10.11	9.97	10.72	11.04	11.57	11.77	11.57	10.33
1937.....	10.03	8.64	7.90	7.91	8.33	9.12	8.28	8.20	8.92	8.60	7.76	8.35	8.40
1938.....	7.84	7.67	7.24	7.30	7.77	7.43	6.92	6.67	-----	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled from reports of packer and shipper purchases; such purchases do not include pigs, boars, stags, extremely rough sows, or cripples. These weighted prices do not include processing tax. Tax of 50 cents per 100 pounds was imposed from Nov. 5 to Nov. 30, 1933; \$1 from Dec. 1, 1933, to Jan. 31, 1934; \$1.50 from Feb. 1 to Feb. 28; and \$2.25 from Mar. 1, 1934, to Jan. 6, 1936.

Data for 1901-28 are available in 1932 Yearbook, table 336.

TABLE 457.—Hogs, bacon: Average wholesale price per 100 pounds, Toronto, 1929-39

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Weighted average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	10.28	11.04	11.72	12.63	13.29	12.84	13.85	13.77	12.61	12.07	11.33	11.83	¹ 12.24
1930.....	13.16	13.98	13.47	12.99	12.11	12.42	12.23	12.06	12.22	11.67	10.85	10.44	12.30
1931.....	10.17	8.63	7.92	8.47	8.26	8.54	9.04	7.27	5.77	5.11	4.65	3.98	7.12
1932.....	4.38	4.31	4.38	4.08	3.99	4.02	4.38	4.56	4.61	4.11	3.42	3.44	4.10
1933.....	3.29	3.18	4.27	4.70	5.00	5.11	5.95	6.23	6.00	5.66	6.33	6.52	5.09
1934.....	8.07	9.59	9.09	8.24	8.57	9.29	9.40	8.82	8.74	8.17	8.00	8.23	8.69
1935.....	8.58	8.59	8.10	8.70	9.38	9.91	9.63	9.89	9.31	8.81	7.90	8.32	8.89
1936.....	8.44	8.60	8.49	8.33	8.14	8.85	9.05	9.24	8.48	8.01	7.60	8.22	8.42
1937.....	8.53	8.28	8.51	8.76	8.86	9.24	10.23	10.62	10.52	8.74	8.21	8.32	¹ 9.07
1938.....	8.56	9.02	9.84	9.88	10.14	10.80	11.87	9.63	9.09	7.93	8.04	9.03	¹ 9.49
1939.....	9.15	9.18	9.16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Average January-August; grade changed September 1929.² Preliminary.

Bureau of Agricultural Economics. Compiled in Canadian dollars per 100 pounds as follows: January 1929-December 1936, Livestock and Animal Products Statistics, Ottawa, annual; January 1937 to date, Monthly Bulletin of Agricultural Statistics, Ottawa. Method of obtaining the monthly average prices not explained. Annual averages are weighted. Prices described as follows: January-August 1929, thick smooth; September 1929 to date, bacon. Hog prices at Toronto are on a "weighted off cars" basis.

Price series converted to United States dollars per 100 pounds at current monthly rates of exchange (annual averages converted at annual exchange rates).

TABLE 458.—Hogs: Annual slaughter, United States, 1899-1938

Year	In wholesale establishments		In retail establishments	On farms	Total	Year	In wholesale establishments		In retail establishments	On farms	Total
	Federally inspected	All other					Federally inspected	All other			
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1899.....	28,697	5,547	3,300	13,700	51,244	1919.....	41,812	4,079	3,100	16,804	65,795
1900.....	29,294	5,291	3,400	13,900	51,885	1920.....	38,019	3,737	3,050	16,696	61,502
1901.....	31,129	5,269	3,500	14,000	53,898	1921.....	38,982	3,855	3,100	15,881	61,818
1902.....	26,375	4,181	3,550	14,200	48,308	1922.....	43,114	4,684	3,200	15,203	66,201
1903.....	26,971	3,977	3,600	14,000	48,548	1923.....	53,334	6,324	3,150	14,700	77,508
1904.....	30,072	4,050	3,650	14,300	52,072	1924.....	52,873	6,296	3,145	14,495	76,809
1905.....	31,855	4,278	3,700	14,600	54,433	1925.....	43,043	5,139	3,102	14,224	65,508
1906.....	31,610	4,288	3,800	15,000	54,698	1926.....	40,636	5,017	3,021	13,911	62,585
1907.....	32,885	4,442	3,900	15,300	56,527	1927.....	43,633	5,557	3,160	13,855	66,195
1908.....	38,643	5,220	4,000	15,600	63,463	1928.....	49,795	6,375	3,124	13,595	72,889
1909.....	31,395	4,246	3,970	15,375	54,986	1929.....	48,445	6,239	3,075	13,253	71,012
1910.....	26,014	3,604	3,800	14,800	48,215	1930.....	44,266	6,280	3,165	13,540	67,251
1911.....	34,133	4,836	3,700	14,331	57,000	1931.....	44,772	6,478	3,603	14,338	69,191
1912.....	33,053	4,787	3,600	14,060	55,500	1932.....	45,245	6,598	3,939	15,580	71,362
1913.....	34,199	5,065	3,500	14,236	57,000	1933.....	¹ 47,226	6,675	4,041	15,244	73,186
1914.....	32,532	4,926	3,400	14,142	55,000	1934.....	43,876	5,574	4,095	15,110	68,655
1915.....	38,381	5,383	3,300	14,636	62,000	1935.....	26,057	3,737	3,262	13,177	46,233
1916.....	43,084	5,571	3,250	15,095	67,000	1936.....	36,055	4,969	3,742	14,426	56,192
1917.....	33,910	4,016	3,200	15,374	55,500	1937.....	31,642	5,292	3,497	13,352	53,783
1918.....	41,214	4,447	3,100	16,339	65,100	1938.....	26,186	5,620	3,832	13,451	59,089

¹ Does not include the 6,410,866 pigs and sows purchased for Government account under the emergency hog-production control during the weeks ended Aug. 25 to Oct. 6, 1933.

Bureaus of Animal Industry and Agricultural Economics. From 1899 to 1906, figures in the "Federally inspected" column are the estimated equivalent of Federally inspected slaughter.

TABLE 459.—Hogs: Number purchased at public stockyards and other sources for slaughter under Federal inspection, 1923-38¹

Year	Public stockyards		Other sources		Year	Public stockyards		Other sources	
	Thousands	Percent	Thousands	Percent		Thousands	Percent	Thousands	Percent
1923.....	40,062	73.5	14,479	26.5	1931.....	26,523	56.6	20,333	43.4
1924.....	39,249	72.6	14,844	27.4	1932.....	25,875	54.3	21,387	45.7
1925.....	32,106	71.7	12,886	28.3	1933.....	25,938	53.1	22,939	46.9
1926.....	28,613	68.8	12,989	31.2	1934.....	24,597	54.8	20,264	45.2
1927.....	30,257	67.3	14,714	32.7	1935.....	14,206	52.6	12,815	47.4
1928.....	33,245	65.0	17,894	35.0	1936.....	19,467	51.9	18,021	48.1
1929.....	29,448	59.5	20,059	40.5	1937.....	16,813	51.4	15,927	48.6
1930.....	27,650	60.0	18,463	40.0	1938.....	18,231	48.3	19,499	51.7

¹ Percentages are obtained from the monthly survey of slaughtering establishments and applied to the Federally inspected slaughter. Yearly percentages formerly published have been revised, due to the inclusion of reports from additional plants. In the future, monthly reports released currently will be considered preliminary, and yearly percentages final.

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TABLE 460.—Hogs: Income and cost of hogs shipped in for feeding and breeding, United States, 1909-37

Year	Cash income ¹ from sales of hogs, pork, and lard	Value of hogs slaugh- tered for home con- sumption	Gross in- come ¹ from sales of hogs, pork, and lard	Cost of hogs ² shipped in for feeding and breeding	Year	Cash income ¹ from sales of hogs, pork, and lard	Value of hogs slaugh- tered for home con- sumption	Gross in- come ¹ from sales of hogs, pork, and lard	Cost of hogs ² shipped in for feeding and breeding
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1909.....	592,820	199,528	792,348	539	1924.....	1,063,975	219,468	1,283,443	3,979
1910.....	669,903	237,373	907,276	784	1925.....	1,318,612	302,472	1,621,084	7,184
1911.....	616,992	180,046	797,038	702	1926.....	1,407,212	322,522	1,729,734	9,929
1912.....	647,453	181,989	829,442	672	1927.....	1,237,499	272,673	1,510,172	8,480
1913.....	740,499	207,159	947,658	705	1928.....	1,218,466	229,471	1,447,937	6,977
1914.....	712,543	208,877	921,420	644	1929.....	1,296,765	243,842	1,540,607	6,672
1915.....	691,167	194,466	885,573	567	1930.....	1,135,500	233,218	1,368,718	5,500
1916.....	948,986	236,885	1,185,871	2,000	1931.....	774,228	175,541	949,769	10,944
1917.....	1,298,886	393,824	1,692,710	9,360	1932.....	444,592	112,589	557,181	2,623
1918.....	1,866,284	505,489	2,371,773	13,098	1933.....	523,866	107,624	631,490	7,741
1919.....	1,911,204	522,078	2,433,282	13,320	1934.....	520,631	125,353	645,984	7,911
1920.....	1,384,886	423,206	1,808,092	9,855	1935.....	671,393	206,176	877,569	7,823
1921.....	856,928	248,205	1,105,133	4,836	1936.....	964,682	246,739	1,211,421	6,343
1922.....	1,023,580	247,858	1,271,438	6,000	1937 ³	906,525	234,190	1,140,715	4,580
1923.....	1,027,103	211,442	1,238,545	6,970					

¹ No adjustments were made for hogs shipped in and changes in inventory.

² Includes hogs purchased from other States and from central markets, but excludes interfarm sales.

³ Preliminary.

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TABLE 461.—Hogs: Shipments, slaughter, net production, and income, by States, 1937 (preliminary)

State and division	Number			Net production ¹		Cash income ² from sales of hogs, pork, and lard	Gross income ² from sales of hogs, pork, and lard
	Ship- ments and local slaughter	Shipped in for feeding and breeding	Farm slaughter	Quantity	Value		
	Thou- sands	Thou- sands	Thou- sands	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Malna.....	44	20	8	10,190	1,785	1,487	1,858
New Hampshire.....	19	1	8	5,690	535	469	564
Vermont.....	14	25	25	11,480	1,056	849	1,130
Massachusetts.....	111	2	35	36,880	3,577	3,265	3,707
Rhode Island.....	6	7	7	3,150	309	259	345
Connecticut.....	7	23	7	7,630	732	527	825
New York.....	136	175	175	72,490	7,085	5,473	7,737
New Jersey.....	63	6	50	25,280	2,654	2,057	2,857
Pennsylvania.....	364	350	350	166,245	17,123	12,335	18,132
North Atlantic.....	764	12	702	347,845	34,856	26,721	37,155
Ohio.....	3,078	3	615	868,985	87,767	74,127	87,637
Indiana.....	3,725	19	485	996,655	99,666	87,251	96,164
Illinois.....	4,537	66	500	1,257,135	123,199	110,525	121,550
Michigan.....	834	16	260	236,370	23,164	19,946	23,921
Wisconsin.....	1,783	4	440	500,670	46,062	38,457	45,743
East North Central.....	13,957	108	2,300	3,859,815	379,858	330,306	377,015
Minnesota.....	3,159	22	414	850,280	79,926	69,857	77,220
Iowa.....	8,319	64	545	2,177,485	204,684	176,279	188,730
Missouri.....	2,348	29	420	611,510	58,705	50,676	59,115
North Dakota.....	286	2	165	110,220	9,589	5,967	8,841
South Dakota.....	820	2	135	206,765	18,816	15,445	17,604
Nebraska.....	1,893	6	250	487,490	45,337	40,699	45,887
Kansas.....	1,023	37	300	260,790	25,036	21,201	27,093
West North Central.....	17,848	162	2,249	4,704,540	442,093	380,124	424,530
North Central.....	31,805	270	4,549	8,564,355	821,951	710,430	801,545
Delaware.....	8	20	20	5,800	592	380	641
Maryland.....	107	140	140	54,335	5,488	2,783	5,532
Virginia.....	227	1	592	199,210	19,124	7,434	19,727
West Virginia.....	76	215	215	64,925	5,973	2,398	6,305
North Carolina.....	384	710	710	236,675	22,484	10,190	22,803
South Carolina.....	253	375	375	125,020	11,002	5,070	11,307
Georgia.....	629	990	990	307,490	24,599	10,265	25,590
Florida.....	194	310	310	78,195	5,865	4,021	5,974
South Atlantic.....	1,878	1	3,352	1,071,650	95,127	43,041	97,879
Kentucky.....	616	8	550	261,495	26,150	14,028	25,990
Tennessee.....	570	12	575	269,030	25,558	13,685	25,899
Alabama.....	437	5	550	187,290	15,170	7,638	15,301
Mississippi.....	340	3	560	172,865	13,311	6,207	13,279
Arkansas.....	679	2	495	182,390	14,226	9,655	14,721
Louisiana.....	571	3	395	148,335	9,938	6,975	10,405
Oklahoma.....	455	5	390	191,800	17,262	8,846	16,765
Texas.....	1,021	55	810	390,150	33,553	20,450	35,775
South Central.....	4,689	93	4,325	1,803,355	155,168	87,484	158,135
Montana.....	77	77	77	27,260	2,562	1,860	3,043
Idaho.....	276	50	64,520	6,000	5,072	5,992	5,992
Wyoming.....	26	14	7,720	710	508	508	735
Colorado.....	271	2	77	73,620	6,920	6,227	7,009
New Mexico.....	69	23	19,475	1,850	1,407	1,407	1,770
Arizona.....	19	6	5,120	497	422	422	492
Utah.....	58	3	27	15,000	1,418	1,004	1,390
Nevada.....	11	11	4,490	427	225	225	398
Washington.....	222	10	81	60,925	5,788	5,309	6,171
Oregon.....	237	9	58	57,180	5,432	4,866	5,516
California.....	604	7	65	141,380	14,138	11,949	12,885
Western.....	1,870	39	489	476,780	45,742	38,849	40,001
United States.....	41,006	415	13,417	12,263,985	1,152,844	906,525	1,140,715

¹ Adjustments were made for hogs shipped in and changes in inventory.

² No adjustments were made for hogs shipped in and changes in inventory.
Bureau of Agricultural Economics.

TABLE 462.—Hogs: Slaughter in specified countries, 1929-38

Year	United States, Federally inspected	Canada, total	Germany, total	Denmark, in export slaughter-houses	United Kingdom and Ireland ¹	Netherlands, slaughter for consumption and export
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1929.....	48,445	5,747	19,510	4,994	4,983	2,415
1930.....	44,266	5,248	21,941	6,132	4,957	2,752
1931.....	44,772	6,187	24,659	7,320	6,023	3,667
1932.....	45,245	6,286	22,945	7,841	6,432	3,555
1933.....	47,226	5,814	22,315	6,392	6,018	2,777
1934.....	43,870	5,591	23,902	4,896	6,461	2,526
1935.....	26,057	5,415	22,793	4,331	7,529	2,011
1936.....	36,055	6,271	23,439	4,308	7,388	2,154
1937.....	31,642	5,986	24,736	4,322	6,946	2,094
1938.....	36,186	.....	22,604	3,915	.....	.....

¹ Estimates based on method reported in The Agricultural Output of England and Wales, 1930-31, published in 1934.

² Preliminary.

Bureau of Agricultural Economics. Compiled from official sources and reports from the foreign offices of the Bureau of Agricultural Economics. For earlier years see 1931 Yearbook, table 387.

TABLE 463.—Hogs: Federal hog-cholera-control work, 1919-38

Year ended June	Farm inspections and consultations	Hogs treated in demonstrations	Post-mortem examinations	Outbreaks* reported to Bureau veterinarians
1919.....	93,512	233,987	53,586	12,336
1920.....	46,145	347,792	10,963	9,788
1921.....	29,433	67,295	3,888	7,951
1922.....	47,137	88,846	5,390	7,020
1923.....	52,348	108,562	5,247	7,204
1924.....	29,443	78,007	3,686	7,225
1925.....	24,060	51,331	2,383	3,437
1926.....	20,599	69,230	2,446	4,558
1927.....	25,004	97,917	3,741	11,555
1928.....	25,156	106,960	3,368	6,941
1929.....	28,530	56,023	3,328	7,029
1930.....	26,858	55,158	2,505	4,162
1931.....	23,226	29,152	3,011	3,388
1932.....	24,792	36,552	3,722	6,480
1933.....	28,897	37,523	3,226	4,358
1934.....	25,492	29,585	2,398	4,123
1935.....	41,750	19,793	1,187	2,256
1936.....	49,849	30,171	1,777	3,332
1937.....	28,077	33,115	2,378	3,522
1938.....	60,459	38,889	2,570	4,861

Bureau of Animal Industry.

TABLE 464.—Lard, American: Average wholesale price per 100 pounds, Liverpool, 1929-39

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929...	13.42	13.54	13.88	13.32	13.38	13.46	13.90	13.75	13.47	12.74	12.12	11.84	13.25
1930...	11.92	12.17	11.79	11.84	11.80	11.30	11.15	12.34	13.23	13.25	12.46	11.33	12.05
1931...	10.65	9.78	10.48	10.27	9.48	9.96	9.49	8.92	8.92	9.35	8.43	8.11	9.49
1932...	7.01	6.94	6.88	6.51	6.19	6.08	7.16	7.50	7.63	7.22	7.34	6.85	6.94
1933...	6.68	5.91	6.28	6.51	8.19	8.24	8.78	7.78	7.62	7.72	7.61	6.66	7.32
1934...	6.43	7.00	6.99	5.97	5.51	5.06	5.81	7.64	9.54	9.20	10.37	11.22	7.61
1935...	13.04	13.39	13.70	12.49	13.14	13.63	14.34	17.00	16.23	16.97	16.52	14.95	14.62
1936...	13.39	12.97	13.17	13.82	12.25	11.91	12.39	13.54	13.58	13.45	13.89	15.28	13.30
1937...	15.63	14.36	14.74	14.80	14.85	14.67	14.96	14.65	14.36	14.43	13.15	11.05	14.36
1938...	11.45	11.41	11.54	11.03	10.55	10.77	11.42	10.11	10.26	10.21	9.76	9.50	10.67
1939...	8.74	8.27	8.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* 1 quotation only.

Bureau of Agricultural Economics. Compiled in shillings and pence per hundredweight, as follows: January 1929-June 1931, Manchester Guardian, daily. Averages of Friday quotations, classed as American prime western steam. July 1931 to date, monthly reports of the London office of Foreign Agricultural Service. Averages of daily quotations, American refined, in boxes.

Price series converted to dollars per 100 pounds at current monthly rates of exchange as reported by the Federal Reserve Board. (Converted at par prior to September 1931.)

TABLE 465.—*Lard, refined: Average price per 100 pounds at Chicago, 1929-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929	12.75	12.75	13.31	13.25	12.85	12.85	13.22	13.56	13.81	13.17	12.21	11.94	12.97
1930	11.45	12.38	12.12	11.65	11.50	11.00	10.50	12.44	14.25	13.94	12.31	10.70	12.02
1931	9.62	8.94	10.00	10.00	9.50	9.53	8.65	8.32	9.00	8.55	8.47	7.65	9.02
1932	6.50	6.53	6.70	6.00	5.50	5.53	6.96	7.00	6.75	6.26	6.19	5.28	6.25
1933	5.69	5.00	5.50	6.09	7.23	7.04	7.53	8.65	6.31	6.73	6.98	6.25	6.42
1934	6.32	7.12	7.88	7.50	7.00	7.31	7.56	9.53	11.25	10.88	11.75	11.97	8.84
1935	13.82	14.44	14.66	14.66	14.65	15.19	15.65	16.81	16.97	16.00	14.38	13.62	15.07
1936	12.15	12.06	11.88	11.90	11.12	11.28	12.10	12.81	12.48	12.41	12.66	13.65	12.21
1937	14.00	13.30	13.15	12.62	12.88	13.25	13.62	13.00	13.05	12.00	11.38	9.78	12.67
1938	10.00	10.06	9.95	9.35	9.25	9.38	9.68	8.97	8.91	8.53	8.33	7.94	9.20
1939	7.72	7.64	7.52	7.28	7.50								

Bureau of Agricultural Economics. Compiled from data of the livestock and meat reporting service of the Bureau. Prices represent refined lard in hardwood tubs. Earlier prices in 1928 Yearbook, table 393.

TABLE 466.—*Lard: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
United States	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Netherlands	731,629	0	553,553	0	96,355	37	111,292	3	136,150	247
Denmark	64,693	6,748	35,865	2,435	32,165	4,912	19,548	3,876	17,577	3,029
China	25,954	1,383	41,720	555	27,063	0	28,583	0	28,727	0
Hungary	10,672	0	5,435	16	6,714	2	6,361	3	13,070	0
Canada	9,618	15	8,493	0	42,695	0	32,032	0	30,575	0
Ireland	4,020	1,462	2,727	1,477	13,772	3	29,284	1	30,090	27
Madagascar	3,832	609	3,125	518	3,646	82	3,645	47	4,989	
Australia	1,998	2	2,041	0	1,734	0	2,065		2,613	
Sweden	1,650	413	1,608	73	2,534	26	2,792	13	4,051	30
Yugoslavia	1,327	2,843	2,576	1,478	1,486	651	2,036	261	2,292	80
Brazil	936	1,501	1,911	48	9,988	0	16,384	0	18,371	3
Total	231	2,312	6,583	314	30,069	155	18,121	28	725	
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom	912	267,191	491	294,240	463	170,927	645	169,797	694	164,772
Germany	857	216,643	415	170,549	2	66,866	0	65,836	0	75,008
Cuba	0	87,352	0	33,928	0	24,357	0	28,548	0	
Czechoslovakia	52	66,159	3	33,256	1	12,215	2	24,656	2	19,744
Mexico	12	55,972	1	46,668	0		0			
Austria	672	33,151	403	11,964	0	700	24	565	0	1,589
France	500	32,856	349	6,932	10,980	130	1,072	322	1,446	559
Poland	47	30,326	47	5,425	7,241	0	11,544	0	6,850	0
Belgium	2,201	16,212	1,455	13,671	2,754	5,383	1,455	4,075	2,418	2,317
Peru	0	11,692	0	2,364	0	615	27	437	13	174
Italy	828	7,523	110	5,402	18	811	106	125	186	2,768
Finland	54	6,758	1	4,384	2	149	1	52	2	86
Switzerland	21	6,031	10	2,900	1	56	0	1,528	137	1,465
Dominican Republic	0	4,883	0	4,541	0	2,584	0	1,134	0	
Philippine Islands	0	4,799	0	3,783	0	291	0	308	0	352
British Malaya	1,151	3,532	485	1,649	502	1,140	401	1,564	356	1,857
Norway	1	1,945	2	702	10	1	0	0	0	3
Total	7,314	853,325	3,611	642,338	21,983	286,225	15,277	298,947	12,104	270,634

¹ Preliminary.

² Includes imitation lard.

³ Year ended June 30.

⁴ Exports include oleomargarine and beef fats, beginning 1930.

Bureau of Agricultural Economics. Compiled from official sources. Neutral lard, when separately shown, is not included.

TABLE 467.—*Pork and lard: Stocks in cold-storage warehouses and meat-packing establishments, United States, 1929-39¹*

(In million pounds; i. e., 000,000 omitted)

Product and year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
Dry salt pork, cured and in process of cure:												
1929.....	143	168	180	179	186	171	164	172	161	139	111	89
1930.....	108	116	124	116	110	106	108	114	97	71	43	49
1931.....	70	108	129	141	148	149	155	169	154	116	79	63
1932.....	87	104	123	124	127	128	118	111	109	91	65	51
1933.....	69	82	87	87	89	106	131	146	145	126	93	82
1934 ²	97	111	113	109	108	98	91	92	64	59	51	53
1935 ³	69	69	74	74	71	66	65	61	54	41	29	31
1936.....	55	80	82	88	90	86	89	94	87	65	43	44
1937.....	67	76	84	89	91	84	82	75	65	47	39	39
1938.....	60	83	87	84	81	74	78	82	51	59	35	35
1939.....	67	68	70	76	82	86	91					
Pickled³ pork, cured and in process of cure:												
1929.....	375	425	474	454	453	443	430	413	383	342	304	316
1930.....	368	392	444	431	412	392	397	380	329	284	249	286
1931.....	328	402	453	432	453	434	404	362	312	277	248	264
1932.....	334	383	445	420	431	442	411	373	350	328	308	291
1933.....	320	350	369	370	375	389	417	424	417	376	325	366
1934 ²	403	442	437	381	383	377	369	371	326	335	330	360
1935 ³	348	374	375	351	316	291	265	226	205	186	174	196
1936.....	214	253	268	263	265	258	252	242	220	237	275	275
1937.....	315	341	365	338	349	317	293	249	212	181	180	203
1938.....	223	270	282	270	253	222	199	171	159	165	191	
1939.....	221	237	245	233	235	234	221					
Frozen pork:												
1929.....	152	246	291	290	285	256	248	229	176	119	76	85
1930.....	145	179	218	206	190	177	174	157	125	92	64	77
1931.....	123	215	271	271	266	245	216	181	139	82	53	69
1932.....	142	187	244	248	241	225	195	159	121	79	60	62
1933.....	102	143	154	153	166	176	213	228	195	128	70	82
1934 ²	130	177	184	167	166	166	168	181	152	130	124	159
1935 ³	231	224	218	203	178	147	116	83	66	51	38	36
1936.....	58	103	102	98	102	97	89	96	92	77	75	144
1937.....	286	322	325	328	317	262	204	144	91	55	47	65
1938.....	116	201	213	190	167	141	118	98	83	59	52	74
1939.....	152	221	227	214	210	201	184					
Total pork:												
1929.....	670	838	945	922	924	871	842	814	719	600	491	490
1930.....	621	687	786	753	712	675	679	651	551	447	357	412
1931.....	521	726	853	844	868	828	775	712	595	475	381	397
1932.....	563	674	812	792	799	796	724	643	579	498	434	404
1933.....	491	575	609	610	630	671	761	808	757	630	493	529
1934 ²	630	730	734	657	656	642	628	644	542	524	505	572
1935 ³	688	668	667	627	565	503	445	370	325	278	241	253
1936.....	327	436	451	459	457	441	435	442	421	362	355	463
1937.....	667	739	776	756	756	664	578	467	398	283	266	307
1938.....	399	554	583	544	501	451	418	379	335	277	252	299
1939.....	430	526	542	523	527	520	496					
Lard:¹												
1929.....	85	141	174	179	185	183	200	203	180	154	100	69
1930.....	82	92	112	105	105	115	120	118	89	60	36	32
1931.....	51	63	75	78	96	103	116	122	86	69	40	35
1932.....	51	78	93	106	111	128	130	122	101	71	34	30
1933.....	41	53	62	62	72	111	186	219	224	192	134	116
1934 ²	133	169	176	174	179	182	195	209	167	128	106	104
1935.....	118	112	110	105	101	90	85	68	54	45	41	38
1936.....	53	76	70	77	84	100	107	117	111	102	95	109
1937.....	116	183	202	217	299	194	185	157	118	73	39	34
1938.....	54	99	117	121	122	124	126	124	117	90	68	74
1939.....	107	132	125	129	130	130	148					

¹ Lard includes all prime steam, kettle-rendered, neutral, and other pure lards. It does not include lard substitutes nor compounds.

² Stocks of meat purchased under the emergency hog-control program by Federal Surplus Relief Corporation are not included in these figures for year 1934 and Jan. 1 and Feb. 1, 1935.

³ Pickled pork includes sweet-pickled, plain-brine, and barreled pork.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage warehouses and meat-packing establishments. Data for earlier years in 1928 Yearbook, table 390.

TABLE 468.—Hog products: International trade, averages 1925-34, annual 1936 and 1937

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United States.....	1,136,856	10,459	742,920	3,795	187,046	41,846	206,333	75,077
Denmark.....	557,264	2,869	755,835	1,534	420,893	0	436,170	7
Netherlands.....	249,396	15,089	214,742	3,554	92,969	4,396	93,576	3,078
Ireland.....	92,656	55,011	69,620	26,473	82,181	118	74,962	0
Canada.....	90,757	17,247	60,153	8,614	203,777	2,940	249,241	2,106
Poland.....	48,032	37,238	109,121	6,318	109,348	39	131,175	94
Sweden.....	41,205	9,790	54,049	4,908	30,043	7,092	32,295	3,866
Hungary.....	26,512	84	18,468	0	71,508	0	53,921	0
New Zealand.....	13,177	35	26,481	1	69,533	0	67,240	0
China.....	12,824	413	8,972	1,003	14,122	4,063	20,198	762
Yugoslavia.....	12,314	1,582	8,620	84	38,717	26	40,667	37
Argentina.....	9,319	42	28,816	13	66,060	4	75,720	6
Estonia.....	3,826	289	6,693	4	5,909	72	4,701	0
Australia ²	3,374	2,119	9,722	216	28,071	104	32,620	40
Brazil.....	940	2,569	7,882	419	19,458	67	725	22
Total.....	2,298,452	154,842	2,122,644	56,936	1,439,735	61,667	1,519,544	85,095
PRINCIPAL IMPORTING COUNTRIES								
United Kingdom.....	5,883	1,371,607	4,362	1,579,594	7,021	1,142,785	8,124	1,172,361
Germany.....	4,584	322,127	5,969	242,038	81	184,498	15	169,382
Cuba.....	0	130,315	0	50,440	0	34,727	0	-----
France.....	3,135	88,097	1,193	45,249	2,328	6,463	2,726	6,496
Czechoslovakia.....	3,665	79,769	1,096	45,846	219	37,245	702	31,563
Mexico.....	12	58,269	1	47,419	-----	529	-----	-----
Austria.....	673	33,382	492	18,794	29	9,755	5	7,070
Belgium.....	7,179	22,057	2,148	3,828	3,267	15,533	12,743	2,569
Italy.....	3,231	16,850	2,099	10,084	9,058	225	1,553	24,254
Finland.....	379	12,024	3,750	8,792	4,981	87	4,871	117
Peru.....	6	11,692	0	2,364	27	437	13	174
Norway.....	17	8,285	1,206	2,831	1,312	2,970	1,329	3,052
Philippine Islands.....	0	7,321	0	6,298	0	2,465	0	2,114
Switzerland.....	188	6,765	143	3,623	344	1,537	242	1,596
British Malay.....	1,203	4,894	526	2,901	444	2,719	896	3,389
Spain.....	1,803	2,484	2,759	1,200	-----	-----	-----	-----
British India.....	0	1,904	0	1,565	0	2,040	0	1,964
Union of South Africa.....	748	1,398	428	1,173	74	528	119	554
Algeria.....	100	1,181	18	1,388	2	805	-----	-----
Egypt.....	9	1,153	1	565	1	795	0	1,358
Total.....	32,815	2,181,574	26,191	2,105,992	29,178	1,446,143	32,838	1,428,013

¹ Preliminary.² Year ended June 30.³ International Institute of Agricultural Statistics.

Bureau of Agricultural Economics. Compiled from official sources, except where otherwise noted. These figures comprise pork, fresh, canned, pickled, smoked, bacon, Cumberland sides, Wiltshire sides, hams and shoulders, lard, lard compound, neutral lard, hog casings, lard oil, heads and feet.

TABLE 469.—Bacon and hams, green, firsts: Average wholesale price per 100 pounds at British markets, 1929-38

Year	Bacon, Wiltshire sides at Bristol ¹				Bacon, American bellies, at Liverpool	Ham, American short cut, at Liverpool
	British	Canadian	Danish	Dutch		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1929.....	28.35	23.43	23.47	23.40	19.53	23.85
1930.....	27.37	* 21.67	20.52	19.19	18.86	21.94
1931.....	19.54	-----	13.07	11.68	12.57	16.58
1932.....	13.55	-----	9.25	8.33	* 8.75	11.62
1933.....	17.17	12.59	14.40	13.11	* 10.97	13.92
1934.....	21.77	19.19	20.79	19.93	* 16.64	20.55
1935.....	20.82	18.26	20.26	19.56	* 14.83	20.92
1936.....	21.34	19.56	21.64	20.74	* 17.26	20.86
1937.....	22.30	19.92	21.61	20.98	* 17.75	21.97
1938.....	22.99	20.83	22.55	21.86	15.51	20.78

¹ Entire half of hog in 1 piece, head off, backbone out, ribs in.² 4 months.³ 10 months.⁴ 11 months.⁵ 6 months.⁶ 7 months.⁷ 8 months.

Bureau of Agricultural Economics. Compiled in shillings per hundredweight from The Agricultural Market Report, Ministry of Agriculture and Fisheries, London, weekly. Averages of monthly prices which in turn are averages of quotations for each week ended Wednesday.

Price series converted to dollars per 100 pounds at current monthly rates of exchange as reported by the Federal Reserve Board. (Converted at par prior to September 1931.)

TABLE 470.—Stock and feeder sheep and lambs: Number and value on farms, United States, Jan. 1, 1867–1939

Year	Stock			Feeder	Year .	Stock			Feeder
	Number	Farm value		Number		Number	Farm value		Number
		Per head	Total				Per head	Total	
	Thousands dollars	Dollars	1,000 dollars	Thousands dollars		Thousands dollars	Dollars	1,000 dollars	Thousands dollars
1867	44,997	2.40	108,211	1,330	1904	41,908	2.55	106,961	3,550
1868	43,808	1.83	80,135	1,400	1905	40,410	2.77	111,962	3,415
1869	39,892	1.65	65,791	1,220	1906	41,965	3.51	147,352	3,560
1870	28,478				1907	43,460	3.81	165,371	3,800
1870	36,449	1.87	67,988	1,150	1908	45,095	3.87	174,650	3,100
1871	34,063	2.10	71,364	1,075	1909	47,098	3.42	161,192	3,695
1872	34,312	2.51	86,123	1,100	1910	46,939	4.06	190,673	3,300
1873	35,782	2.60	93,130	1,120	1911	46,055	3.83	176,431	4,500
1874	36,234	2.33	84,405	1,140	1912	42,972	3.42	147,118	4,925
1875	37,237	2.39	88,813	1,140	1913	40,544	3.87	156,949	4,108
1876	37,477	2.20	82,594	1,200	1914	38,059	3.91	148,745	5,030
1877	38,147	2.03	77,375	1,200	1915	36,263	4.39	159,146	4,250
1878	38,942	2.12	82,741	1,200	1916	36,260	5.10	184,856	3,750
1879	41,678	2.01	83,793	1,300	1917	35,246	7.06	248,917	3,640
1880 ¹	42,102				1918	36,704	11.76	431,679	2,960
1880	44,867	2.18	97,624	1,700	1919	38,360	11.49	440,730	3,515
1881	47,371	2.35	111,173	1,600	1920	36,054			
1882	48,883	2.35	114,832	1,825	1921	35,084	10.60	395,235	3,415
1883	50,935	2.53	128,959	2,000	1922	35,426	6.34	224,454	4,063
1884	51,101	2.40	122,824	2,250	1923	33,365	4.79	169,839	3,557
1885	49,620	2.19	108,687	1,800	1924	32,597	7.50	244,452	4,206
1886	46,654	1.95	91,059	1,655	1925	32,859	7.94	260,819	4,280
1887	44,217	2.05	90,705	1,640	1926	34,469	9.63	331,971	4,074
1888	43,011	2.06	88,785	1,800	1927	37,328	10.53	376,134	4,644
1889	42,365	2.14	90,785	1,700	1928	38,067	9.79	372,784	4,348
1890 ¹	40,876				1929	40,689	10.36	421,582	4,569
1890	42,693	2.29	97,641	1,825	1930	43,481	10.71	465,600	4,900
1891	43,882	2.51	110,348	2,205	1931	46,975			
1892	44,628	2.60	116,057	2,050	1932	45,577	9.00	410,290	5,988
1893	44,567	2.64	117,840	2,195	1933	47,730	8.40	257,742	5,513
1894	43,414	1.97	85,619	2,850	1934	47,754	3.45	164,628	6,220
1895	41,827	1.57	65,800	2,850	1935	47,324	2.91	137,786	5,751
1896	39,609	1.71	67,915	2,850	1936	48,454	3.77	182,654	5,259
1897	38,891	1.84	71,507	2,210	1937	48,558			
1898	40,097	2.51	100,732	3,125	1938	46,634	4.33	201,889	5,611
1899	42,688	2.80	119,552	3,125	1939	46,391	6.34	294,261	5,631
1900 ¹	61,504				1940	46,982	6.03	283,279	5,537
1900	45,065	2.97	134,046	3,040	1941	46,685	6.14	286,677	5,997
1901	46,126	2.96	136,325	2,975	1942	48,062	8.75	276,440	5,700
1902	46,196	2.62	121,904	3,040					
1903	44,436	2.62	116,548	3,100					

¹ Italic figures are from the census. Census dates were June 1, 1870, 1880, 1890, and 1900; Apr. 15, 1910; Jan. 1, 1920 and 1925; Apr. 1, 1930; Jan. 1, 1935. 1900, 1910, and 1930 include spring-born lambs.

² Preliminary.

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TABLE 471.—Stock sheep and lambs: Number on farms and farm value per head, by States, Jan. 1, 1935-39

State and division	Number					Farm value per head ¹				
	1935	1936	1937	1938	1939 ²	1935	1936	1937	1938	1939
	Thousands	Thousands	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	Dollars	Dollars
Maine.....	50	51	49	46	46	3.45	4.65	5.20	5.40	5.40
New Hampshire.....	13	12	11	10	10	4.45	5.60	5.50	6.10	5.80
Vermont.....	29	26	24	24	24	4.25	5.40	5.40	5.60	5.50
Massachusetts.....	9	8	8	8	8	4.55	6.10	6.10	6.10	6.00
Rhode Island.....	2	2	2	2	2	4.70	6.00	5.50	6.00	6.00
Connecticut.....	7	7	7	6	6	5.30	7.00	6.30	6.70	6.50
New York.....	370	355	359	348	338	4.70	7.00	6.80	7.30	6.70
New Jersey.....	7	7	7	6	6	4.85	6.60	6.60	6.00	5.30
Pennsylvania.....	462	462	462	453	430	3.90	5.80	5.40	5.70	5.10
North Atlantic.....	958	930	920	903	870	4.23	6.18	5.92	6.40	5.80
Ohio.....	2,250	2,279	2,188	2,188	2,166	4.15	6.10	5.50	5.70	5.20
Indiana.....	767	767	729	714	714	5.40	7.30	6.80	7.00	6.50
Illinois.....	670	704	662	675	695	5.10	7.00	6.70	6.80	6.50
Michigan.....	1,015	1,066	1,055	1,023	1,033	4.60	6.90	6.50	6.70	6.30
Wisconsin.....	416	412	400	400	400	4.05	6.40	6.00	6.30	5.50
East North Central.....	5,124	5,228	5,034	5,000	5,008	4.54	6.59	6.11	6.28	5.84
Minnesota.....	950	921	1,041	1,020	1,040	4.05	6.50	6.00	6.20	5.60
Iowa.....	1,193	1,253	1,216	1,216	1,240	4.75	7.20	6.50	6.80	6.50
Missouri.....	1,222	1,246	1,258	1,321	1,387	4.35	6.80	6.20	6.90	6.20
North Dakota.....	725	783	767	752	767	3.70	6.20	5.30	6.00	5.90
South Dakota.....	1,235	1,334	1,107	1,151	1,209	3.90	7.20	5.50	6.30	6.10
Nebraska.....	274	288	271	274	285	4.10	6.60	5.40	5.90	6.10
Kansas.....	385	370	344	354	400	4.15	6.10	5.70	5.80	5.70
West North Central.....	5,984	6,195	6,004	6,088	6,328	4.19	6.77	5.93	6.43	6.06
North Central.....	11,108	11,423	11,038	11,088	11,336	4.35	6.69	6.01	6.36	5.96
Delaware.....	3	3	3	3	3	4.55	6.00	6.00	6.00	6.00
Maryland.....	94	86	84	81	77	4.65	6.20	6.60	7.20	6.90
Virginia.....	438	416	395	399	395	4.45	6.20	6.00	7.10	6.70
West Virginia.....	606	588	547	547	536	3.95	5.10	5.40	5.60	5.40
North Carolina.....	77	73	62	62	60	3.75	4.80	5.20	5.80	5.90
South Carolina.....	13	12	11	11	10	3.10	3.75	3.25	3.35	3.20
Georgia.....	34	34	32	32	32	2.85	3.40	3.25	3.55	3.45
Florida.....	40	39	38	37	37	2.65	3.45	3.25	3.30	2.90
South Atlantic.....	1,305	1,251	1,172	1,172	1,150	4.07	5.43	5.70	6.08	5.85
Kentucky.....	1,080	1,102	1,047	1,110	1,143	4.75	6.70	6.50	7.00	6.90
Tennessee.....	411	399	379	379	402	4.55	5.80	5.70	6.40	6.30
Alabama.....	48	47	47	50	48	2.85	3.25	3.00	3.00	3.00
Mississippi.....	72	76	76	78	75	2.65	3.10	2.90	2.90	2.85
Arkansas.....	65	68	71	73	77	2.60	4.10	4.30	5.30	4.80
Louisiana.....	275	248	260	268	276	2.65	3.20	3.10	3.05	3.00
Oklahoma.....	190	190	190	228	233	3.85	5.50	5.20	5.80	4.90
Texas.....	7,092	7,234	8,750	9,100	9,646	3.45	5.70	5.40	4.90	4.50
South Central.....	9,233	9,364	10,820	11,286	11,920	3.61	5.69	5.40	5.12	4.73
Montana.....	3,740	3,405	2,792	2,736	3,010	4.65	6.60	5.60	6.70	6.60
Idaho.....	2,169	2,104	2,104	1,978	1,879	4.75	7.00	7.00	6.80	6.60
Wyoming.....	3,444	3,410	3,342	3,409	3,614	4.70	6.80	5.90	6.40	6.20
Colorado.....	1,671	1,654	1,737	1,668	1,718	4.95	6.80	6.40	6.10	6.00
New Mexico.....	2,460	2,411	2,411	2,315	2,269	3.80	5.50	5.40	5.20	5.10
Arizona.....	920	840	840	832	824	3.90	6.00	5.60	5.70	4.55
Utah.....	2,452	2,403	2,451	2,377	2,377	4.45	6.50	6.60	6.80	6.30
Nevada.....	869	869	826	809	833	4.05	6.60	6.80	7.00	6.50
Washington.....	710	675	668	635	641	5.10	6.70	7.10	7.40	6.90
Oregon.....	2,440	2,245	2,245	2,043	2,084	4.70	6.20	6.60	6.70	6.00
California.....	3,155	3,407	3,577	3,434	3,537	5.10	6.60	7.10	7.20	6.40
Western.....	24,030	23,423	22,993	22,236	22,786	4.61	6.49	6.36	6.54	6.17
United States.....	46,634	46,391	46,952	46,685	48,062	4.33	6.34	6.03	6.14	5.75
Sheep and lambs on feed (all States).....	5,611	5,631	5,537	5,997	5,700	4.16	6.69	5.87	5.98	5.74
Total sheep.....	52,245	52,022	52,489	52,682	53,762	4.31	6.38	6.02	6.12	5.75

¹ Sum of total value of classes divided by total number of stock sheep, and any value per head under \$5 rounded to nearest nickel for States. Division and United States averages not rounded.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 472.—Lamb crop summary, by States, 1937 and 1938

State and division	Breeding ewes (1 year old and older), Jan. 1		Lambs saved per 100 ewes (1 year old and older), Jan. 1 ¹		Indicated lamb crop	
	1937	1938 ²	1937	1938 ²	1937	1938 ²
	Thousands	Thousands	Number	Number	Thousands	Thousands
Maine.....	38	34	82	71	31	24
New Hampshire.....	8	7	95	90	8	6
Vermont.....	19	19	85	81	16	15
Massachusetts.....	5	6	85	80	4	5
Rhode Island.....	2	2	90	80	2	2
Connecticut.....	5	4	83	85	4	3
New York.....	281	272	95	92	267	250
New Jersey.....	5	5	98	89	5	4
Pennsylvania.....	310	302	92	90	285	272
North Atlantic.....	673	651	92	89	622	581
Ohio.....	1,640	1,624	90	84	1,476	1,364
Indiana.....	590	542	113	104	633	564
Illinois.....	514	530	114	107	596	567
Michigan.....	830	810	103	94	855	761
Wisconsin.....	307	306	114	107	350	327
East North Central.....	3,851	3,812	101	94	3,900	3,583
Minnesota.....	830	813	106	108	880	878
Iowa.....	938	931	112	112	1,060	1,043
Missouri.....	1,001	1,052	107	104	1,071	1,094
North Dakota.....	630	620	90	102	567	632
South Dakota.....	915	935	70	98	640	916
Nebraska.....	203	206	107	99	217	204
Kansas.....	270	278	102	105	275	292
West North Central.....	4,787	4,835	98	105	4,710	5,059
North Central.....	8,638	8,647	100	100	8,610	8,642
Delaware.....	2	2	90	90	2	2
Maryland.....	69	67	97	95	67	64
Virginia.....	335	343	114	108	382	370
West Virginia.....	437	432	107	98	468	423
North Carolina.....	47	47	98	96	46	45
South Carolina.....	8	8	80	80	6	6
Georgia.....	21	21	65	70	14	15
Florida.....	19	19	65	65	12	12
South Atlantic.....	938	939	106	100	997	937
Kentucky.....	898	937	118	110	1,060	1,031
Tennessee.....	308	303	108	107	333	324
Alabama.....	32	35	64	69	20	24
Mississippi.....	49	50	68	74	33	37
Arkansas.....	53	56	95	93	50	52
Louisiana.....	166	173	60	62	100	107
Oklahoma.....	144	174	100	102	144	177
Texas.....	5,400	6,072	77	76	4,158	4,615
South Central.....	7,050	7,800	84	82	5,898	6,367
Montana.....	2,365	2,176	78	86	1,845	1,871
Idaho.....	1,764	1,681	92	97	1,623	1,631
Wyoming.....	2,687	2,805	77	87	2,069	2,440
Colorado.....	1,470	1,425	85	87	1,250	1,240
New Mexico.....	1,827	1,783	74	70	1,352	1,248
Arizona.....	612	604	77	79	471	477
Utah.....	1,974	1,962	76	80	1,900	1,570
Nevada.....	670	663	76	77	509	511
Washington.....	559	541	96	106	537	573
Oregon.....	1,822	1,681	79	94	1,439	1,580
California.....	2,910	2,894	69	86	2,008	2,489
Western.....	18,660	18,215	78	86	14,603	15,630
United States.....	35,959	36,252	85	89	30,730	32,157

¹ "Lambs saved" defined as "lambs living June 1 or sold before June 1 in the Native States and lambs docked or branded in the Western States."

² Preliminary.

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TABLE 473.—Lamb crop and lambs saved per 100 ewes, United States, 1924-38

Year	Lamb crop			Lambs saved per 100 ewes (1 year old and older), Jan. 1 ¹		
	Native States ²	Western States ³	United States	Native States ⁴	Western States ²	United States
	Thousands	Thousands	Thousands	Number	Number	Number
1924.....	7,330	14,453	21,763	97.6	82.6	87.1
1925.....	7,620	14,575	22,195	96.7	79.8	85.4
1926.....	7,554	16,404	23,958	94.8	86.8	89.1
1927.....	8,697	15,763	24,460	103.4	79.1	86.3
1928.....	8,818	17,741	26,559	98.6	83.4	87.9
1929.....	9,467	17,436	26,903	99.2	76.1	82.9
1930.....	9,997	19,470	29,467	99.2	79.4	85.1
1931.....	10,537	21,078	31,615	100.3	81.1	86.6
1932.....	11,264	18,771	30,035	104.3	71.2	80.8
1933.....	11,286	18,497	29,783	104.1	70.6	80.4
1934.....	11,243	19,355	30,598	102.4	73.7	82.2
1935.....	11,195	17,392	28,587	101.6	70.6	80.2
1936.....	10,901	20,078	30,979	98.0	79.7	85.3
1937.....	11,329	19,401	30,730	103.0	78.0	85.0
1938 ⁴	10,996	21,161	32,157	100.0	84.0	89.0

¹ "Lambs saved" defined as "lambs living June 1 or sold before June 1 in Native States and lambs docked or branded in the Western States."

² Native States include the States in the following geographic divisions: All North Atlantic, East North Central, West North Central except South Dakota, South Atlantic, and South Central except Texas.

³ Western States include South Dakota, Texas, and all States in the western geographic division.

⁴ Preliminary.

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TABLE 474.—Sheep and lambs on feed, United States, Jan. 1, 1920-39¹

Year	Corn Belt States	Other States	United States	Year	Corn Belt States	Other States	United States
	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands
1920.....	2,070	1,345	3,415	1930.....	2,911	3,077	5,988
1921.....	2,205	1,848	4,053	1931.....	2,757	2,756	5,513
1922.....	1,800	1,737	3,537	1932.....	3,212	2,907	6,220
1923.....	1,976	2,230	4,206	1933.....	2,915	2,836	5,751
1924.....	2,141	2,139	4,280	1934.....	2,812	2,447	5,259
1925.....	1,911	2,163	4,074	1935.....	3,312	2,299	5,611
1926.....	2,322	2,322	4,644	1936.....	3,192	2,439	5,631
1927.....	2,677	1,671	4,348	1937.....	2,718	2,819	5,537
1928.....	2,187	2,382	4,569	1938.....	3,207	2,790	5,997
1929.....	2,548	2,352	4,900	1939 ²	3,087	2,613	5,700

¹ Includes sheep and lambs on feed in commercial feed lots.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 475.—Sheep and lambs on feed, by States, Jan. 1, 1938 and 1939¹

State	Number		State	Number	
	1938	1939 ²		1938	1939 ²
	Thousands	Thousands		Thousands	Thousands
New York.....	50	45	North Dakota.....	70	63
Ohio.....			Oklahoma.....	85	98
Indiana.....	345	324	Texas.....	220	210
Illinois.....	295	206	Montana.....	190	200
Michigan.....	290	295	Idaho.....	225	210
Wisconsin.....	256	257	Wyoming.....	238	245
Minnesota.....	78	82	Colorado.....	1,185	1,090
Iowa.....	285	285	New Mexico.....	70	65
Missouri.....	470	470	Arizona.....	10	9
South Dakota.....	120	144	Utah.....	240	144
Nebraska.....	193	183	Nevada.....	7	12
Kansas.....	585	555	Washington.....	35	41
Total Corn Belt.....	260	286	Oregon.....	75	60
	3,207	3,087	California.....	90	121
			Total Western.....	2,740	2,568
			Total United States.....	5,997	5,700

¹ Includes sheep and lambs on feed in commercial feed lots.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 476.—*Sheep: Number in countries having 100,000 and over, averages 1926-35, annual 1934-38*

Country	Date or month of estimate	Average		1934	1935	1936	1937	1938 ¹
		1926-30 ¹	1931-35 ¹					
NORTH AMERICA AND WEST INDIES								
United States	Jan. 1	Thou- sands 45,596	Thou- sands 53,248	Thou- sands 53,713	Thou- sands 52,245	Thou- sands 52,022	Thou- sands 52,489	Thou- sands 52,682
Canada	June	3,431	3,492	3,421	3,399	3,327	3,340	3,415
Mexico	do.	³ 3,186	⁴ 4,848	6,021				
Guatemala		196	174	181	196	234		
Cuba		102	143	164				
Dominican Republic		³ 162	³ 162					
Estimated total ²		52,900	62,300					
SOUTH AMERICA								
Colombia		794	868	872				
Venezuela		⁷ 125	⁷ 125					
Ecuador		³ 1,100	³ 1,500					
Peru		¹⁰ 11,209	¹² 12,000	⁸ 12,000				
Bolivia	Jan. 1 ¹¹	4,742	⁵ 5,232					
Chile		⁶ 6,283	⁶ 6,083				¹⁰ 5,749	
Brazil	September	¹² 10,702	11,876		13,049			
Uruguay		¹⁰ 20,558	¹² 17,982				¹⁰ 17,931	
Paraguay	Jan. 1 ¹¹	(400)	191	203	142	136		
Argentina	June or July	¹⁰ 44,413	¹⁴ 40,566	39,330	37,956	40,300	¹⁰ 43,790	
Falkland Islands		613	613	607	616	609	604	
Estimated total ²		100,900	97,100					
EUROPE								
Iceland		628	696	699	656	653		
England and Wales	June	16,548	17,468	16,527	16,477	16,648	17,194	17,901
Scotland	do.	7,505	7,795	7,655	7,766	7,570	7,518	7,840
Northern Ireland	do.	622	783	761	818	835	820	803
Total United Kingdom		24,675	26,046	24,943	25,061	25,053	25,541	26,634
Ireland	do.	3,255	3,283	2,931	3,042	3,062	3,000	3,197
Norway	do.	1,596	1,725	1,698	1,737	1,749	1,739	1,778
Sweden	July	680	542	440	444	429	405	
Denmark	do.	213	179				186	
Netherlands ¹²	May-June	¹⁰ 485	601	642	680	655	608	
Belgium	Jan. 1 ¹¹	¹⁰ 187	¹⁰ 187					
France	do. ¹¹	10,574	9,812	9,730	9,571	9,558	9,788	9,994
Spain	do. ¹¹	19,989	17,948		17,326			
Portugal	do. ¹¹	4,450	¹⁰ 3,274		¹⁰ 3,274			
Italy	March-April	11,310	¹⁰ 9,566			¹⁰ 8,862	9,095	9,467
Switzerland	April	170	185			176		
Germany	Jan. 1 ¹¹	3,953	3,456	3,387	3,483	3,928	4,341	4,684
Austria	do. ¹¹	¹⁰ 272	263	263				
German Empire		4,225	3,719	3,650				
Czechoslovakia	Jan. 1 ¹¹	848	518	476	510	547	592	644
Hungary	April	1,604	1,203	1,081	1,228	1,350	1,484	1,629
Yugoslavia	Jan. 1 ¹¹	7,807	8,471	8,600	8,668	9,211	9,568	9,906
Greece	do. ¹¹	6,551	7,227	7,427	7,910	8,185	8,440	8,450
Albania		1,200	1,503	1,540	1,595	1,675		
Bulgaria	Jan. 1 ¹¹	8,384	8,188	8,600	¹⁰ 8,839	8,700	8,400	8,500
Rumania	do. ¹¹	12,936	12,177		11,828			12,500
Poland	November	2,244	2,600	2,554	2,802	3,024	3,188	3,400
Lithuania	June 30	1,344	1,231	1,258	1,220	1,275	1,288	1,241
Latvia	June	1,030	1,115	1,209	1,347	1,352	1,334	1,360
Estonia	July	587	536	552	593	584	651	650
Finland	September	1,195	973	982	1,024	1,023		
Union of Soviet Social- ist Republics	Summer	122,780	¹⁷ 52,960	46,800	54,200	64,000	69,000	
Estimated total, exclusive of Soviet Union ²		127,200	122,200					

See footnotes at end of table.

TABLE 476.—*Sheep: Number in countries having 100,000 and over, averages 1926-55, annual 1954-58—Continued*

Country	Date or month of estimate	Average		1934	1935	1936	1937	1938 ¹
		1926-30 ¹	1931-35 ¹					
AFRICA		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Abyssinia.....		¹³ 4,000	¹⁴ 4,000					
Morocco.....		8,364	8,026	8,086	9,284	9,265	10,373	
Algeria.....	March.....	6,168	5,312	5,514	5,845	6,416	6,268	5,965
Libia (Italian).....		931	648	705			613	
Tunisia.....	Jan. 1 ¹¹	2,055	2,967	3,076	3,375	3,210	3,533	
French West Africa.....		4,563	5,517	5,404	5,533	5,472		
French Sudan.....		2,576	3,065	3,000	3,085	3,000		
Gold Coast ¹²		418	616	616	617	617		
Nigeria, including British Cameroons.....		1,976	2,211	1,988	1,947	1,942	1,920	
Egypt.....	September.....	1,138	1,353	1,409	1,430	1,496		
Anglo-Egyptian Sudan.....		2,160	2,310	2,250	2,500	2,500		
British Somaliland.....		1,800	2,500	2,500	2,500	2,500		
Italian Somaliland.....	Mar. 31.....	1,165	1,800					
Eritrea (Italian) ¹³		1,216	1,847	1,900				
Kenya.....	March-June.....	2,908	3,240	3,249		3,255		
French Cameroon.....		216	252	¹⁷ 376	¹⁷ 413	¹⁷ 481		
Uganda.....	Jan. 1 ¹¹	831	944	870	1,305	1,051	1,327	1,406
French Equatorial Africa.....		845	1,125	1,350	868			
Belgian Congo.....		282	312	333				
Ruanda Urundi.....		289	354	441	400	350		
Angola (Portuguese West Africa).....		124	160		170			
British Southwest Africa.....		1,749	1,174	929	1,024	1,653		
Bechuanaland.....	Jan. 1.....	159	176		145		¹⁸ 174	200
Union of South Africa.....	August.....	43,129	44,054	¹⁰ 35,172	¹⁰ 35,996	¹⁰ 39,866	¹⁰ 43,062	
Basutoland.....	Jan. 1 ¹¹	2,146	1,884	1,469	1,266	1,264	1,283	
Rhodesia, Southern.....	do. ¹¹	351	340	315	312	312	306	319
Tanganyika Territory.....		2,032	2,122	1,934	1,912	1,862		
Madagascar.....	Jan. 1 ¹¹	131	194	203	204	207	208	300
Estimated total ¹⁴		93,600	98,900					
ASIA								
Arabia.....		²¹ 3,500	²¹ 3,500					
Cyprus.....	March.....	259	290	272	276	310	299	
Turkey, European and Asiatic.....		11,853	11,555	10,739	12,436	14,801	16,449	17,752
Iraq (Mesopotamia).....	February.....	4,659	4,514	4,045	4,385	4,783	4,976	
Palestine.....	March.....	240	256	188			209	
Transjordan.....		237	220	165	156	193		
Persia.....		8,624	8,696	¹⁷ 8,970				
Syria and Lebanon.....		2,035	2,289	2,070	2,124	2,195	2,274	
India: ¹⁴								
British.....	January-April.....	23,733	24,968	25,195	²² 23,961	23,851	23,800	
Native States.....	do.....	14,755	18,444	18,568	18,800	18,300		
China, including Tur- kestan, Manchuria, Inner Mongolia ²³		24,000	24,000	²⁴ 19,000	²⁵ 28,000	²⁵ 18,000		
Philippine Islands.....	Jan. 1 ¹¹	125	124	128	130	140	182	152
Netherland India: Java and Madura.....	do. ¹¹	1,292	1,588					
Outer possessions.....	do. ¹¹	121	216					
Estimated total, excluding Soviet Union ¹⁴		105,600	110,800					

See footnotes at end of table.

TABLE 476.—*Sheep: Number in countries having 100,000 and over, averages 1926-35, annual 1934-38—Continued*

Country	Date or month of estimate	Average		1934	1935	1936	1937	1938 ¹
		1926-30 ¹	1931-35 ¹					
OCEANIA		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Australia.....	Jan. 1 ¹¹	103,329	111,417	109,921	113,048	108,876	110,243	113,854
New Zealand.....	April.....	27,516	28,793	28,649	29,077	30,114	31,306	32,379
Estimated total ⁶		130,900	140,200					
Total countries reporting all periods: To 1937 (26) ²³		273,783	290,830	287,919	294,212	294,844	301,442	310,294
Estimated world total, including Soviet Union ⁴		733,900	684,500					

¹ Average for 5-year period if available; otherwise, for any year or years within this period except as otherwise stated.

² Preliminary.

³ Average of 1926 estimate for 96 percent of the municipalities and the final figure of the Apr. 26, 1930, census.⁷ This was the first complete census for all Mexico, including cities and towns.

⁴ Average of 1934 and 1930 censuses.

⁵ Census 1924.

⁶ These totals include countries with less than 100,000; interpolations for a few countries not reporting each year, and rough estimates for some others.

⁷ Year 1929.

⁸ Unofficial.

⁹ Estimate for 1930 or later year.

¹⁰ Census; the latest census in many countries was in 1930.

¹¹ Estimates for December of preceding year.

¹² Year 1931.

¹³ Average of official estimate 1932 and 1930 censuses.

¹⁴ Average of official estimates for 1934 and 1935 and 1930 censuses.

¹⁵ Estimates not strictly comparable one year with another owing either to different methods of estimating or change in territory included.

¹⁶ Average of 1936 and 1930 censuses.

¹⁷ Estimate of sheep numbers based on percentage sheep represent of total sheep and goats. Not given separately in recent years. 1937 plan.

¹⁸ Year 1928.

¹⁹ Goats included.

²⁰ May.

²¹ Unofficial estimate.

²² Includes 1929-30 census figures for Bengal, Bihar, and Orissa as the number in these provinces were not enumerated at the time of the 1935 census.

²³ Estimate for total China based on official returns in June 1934 for 20 provinces, in March 1935 for 18 provinces, and in March 1936 for 19 provinces which had 78 percent, 74 percent and 77 percent respectively of the number in China in 1914. The official estimates excluding Turkestan and Manchuria are as follows: 14,926,000 in June 1934, 20,957,000 in March 1935, and 14,025,000 in March 1936. The number comprised in the territories of Manchuria, Turkestan, and Inner Mongolia are included with China in this table as they are not accounted for elsewhere.

²⁴ June.

²⁵ March.

²⁶ Comparable totals for number of countries indicated.

Bureau of Agricultural Economics. Compiled from reports of U. S. Government representatives abroad, original official sources, the International Institute of Agriculture, and the reports of the Imperial Economic Committee of Great Britain, unless otherwise stated. Figures in parentheses interpolated.

TABLE 477.—*Sheep and lambs: Receipts at public stockyards, 1929-38*

Year	Chi- cago	Den- ver	East St. Louis	Fort Worth	Kan- sas City	Oma- ha	South St. Joseph	South St. Paul	Sioux City	Total nine mar- kets ¹	All others report- ing	Total report- ing ¹
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1929.....	3,785	2,290	534	540	1,753	3,031	1,636	1,139	840	15,548	11,320	26,868
1930.....	4,335	2,062	584	432	2,016	3,410	1,634	1,354	1,188	17,015	12,793	29,808
1931.....	4,489	2,490	661	1,173	2,244	3,510	1,572	1,690	1,279	19,118	13,905	33,023
1932.....	3,922	2,534	711	1,198	1,837	2,388	1,291	1,522	776	16,479	12,827	29,306
1933.....	3,636	2,902	659	779	1,672	2,125	1,233	1,552	857	15,316	11,868	27,184
1934 ¹	3,003	3,106	650	597	1,738	1,968	1,144	1,584	1,167	14,958	11,180	26,138
1935.....	2,941	2,903	765	647	1,397	1,673	1,068	1,362	967	13,723	11,844	25,567
1936.....	2,595	3,024	709	610	1,277	1,617	1,048	1,487	843	13,210	11,442	24,652
1937.....	2,501	3,098	1,050	1,281	1,469	1,585	945	1,290	581	13,800	11,179	24,979
1938.....	2,564	3,135	988	1,378	1,506	1,648	1,011	1,258	661	14,149	11,449	25,598

¹ Rounded totals of complete figures.² Includes sheep purchased for Federal Surplus Relief Corporation from Sept. 14 to Dec. 15.

Bureau of Agricultural Economics. Compiled from data of the livestock and meat reporting service of the Bureau. Earlier data in 1928 Yearbook, table 401 and 1924 Yearbook, table 540.

TABLE 478.—*Sheep and lambs: Receipts and stocker and feeder shipments at public stockyards, 1929-39*

RECEIPTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1929.....	1,877	1,544	1,527	2,012	2,173	1,752	2,119	2,545	3,355	4,093	2,168	1,703	26,868
1930.....	1,903	1,803	2,151	2,230	2,334	2,230	2,296	2,583	3,580	3,784	2,667	2,307	29,808
1931.....	2,175	1,964	2,120	2,713	2,810	2,587	2,535	3,270	3,900	3,956	2,811	2,182	33,023
1932.....	2,363	2,035	2,115	2,412	2,429	2,428	2,240	2,919	3,239	3,266	2,203	1,657	29,306
1933.....	1,914	1,795	1,844	2,097	2,403	2,091	2,228	2,795	2,911	3,268	2,064	1,774	27,184
1934 ¹	1,830	1,456	1,570	1,838	2,114	1,810	2,152	2,622	3,324	4,057	1,833	1,542	26,138
1935.....	1,749	1,522	1,803	2,106	2,251	1,994	2,368	2,577	2,822	3,055	1,732	1,888	25,567
1936.....	1,862	1,632	1,701	1,798	1,944	1,859	2,022	2,287	2,766	2,871	2,149	1,761	24,652
1937.....	2,063	1,591	1,576	1,882	2,209	1,876	1,908	2,752	2,994	2,667	1,785	1,643	24,979
1938.....	1,955	1,713	1,739	1,838	2,409	1,929	1,963	2,664	2,986	2,905	1,945	1,552	25,598
1939.....	1,747	1,546	1,766	1,993	1,951	-----	-----	-----	-----	-----	-----	-----	-----

STOCKER AND FEEDER SHIPMENTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1929.....	188	115	122	210	218	226	231	639	1,027	1,831	576	183	5,565
1930.....	126	101	99	134	142	216	206	465	907	1,024	761	282	4,463
1931.....	184	105	103	189	176	289	243	718	1,262	1,181	655	182	5,287
1932.....	124	80	77	143	100	172	181	460	535	803	501	196	3,373
1933.....	108	82	67	107	130	100	108	347	498	857	461	143	3,008
1934 ¹	111	79	81	135	155	115	190	397	774	908	283	133	3,361
1935.....	151	134	137	88	86	81	109	342	533	886	335	112	2,994
1936.....	94	59	66	112	183	108	152	343	480	721	367	110	2,795
1937.....	115	78	60	92	136	133	185	549	633	857	352	94	3,284
1938.....	95	62	80	90	187	171	177	438	621	856	415	155	3,367
1939.....	113	81	110	251	235	-----	-----	-----	-----	-----	-----	-----	-----

¹ Includes sheep purchased for Federal Surplus Relief Corporation from Sept. 14 to Dec. 15.

Bureau of Agricultural Economics. Compiled from data of livestock and meat-reporting service of the Bureau. Earlier data in 1930 Yearbook, table 399.

TABLE 479.—*Sheep: Average price per 100 pounds received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	7.84	7.98	8.36	8.40	8.09	7.86	7.25	7.32	7.01	6.83	6.75	6.61	7.17
1930.....	6.91	6.64	6.59	6.44	5.86	5.52	4.65	4.13	4.21	3.98	3.98	3.96	4.74
1931.....	4.04	4.15	4.24	4.24	3.91	3.28	3.01	3.00	2.80	2.63	2.63	2.52	3.10
1932.....	2.48	2.67	2.91	2.86	2.52	2.36	2.37	2.19	2.17	2.03	2.06	2.04	2.19
1933.....	2.10	2.16	2.18	2.29	2.47	2.46	2.59	2.57	2.52	2.46	2.38	2.48	2.38
1934.....	2.71	3.46	3.66	3.63	3.54	2.98	2.73	2.59	2.45	2.52	2.55	2.66	2.85
1935.....	3.30	3.78	3.83	3.83	3.69	3.64	3.50	3.56	3.77	3.80	3.89	4.21	3.77
1936.....	4.34	4.29	4.36	4.48	4.30	4.03	3.94	3.68	3.60	3.52	3.58	3.85	3.81
1937.....	4.24	4.45	4.81	4.98	4.89	4.52	4.53	4.52	4.35	4.30	3.95	3.86	4.40
1938.....	3.67	3.61	3.97	3.90	3.59	3.43	3.46	3.40	3.38	3.36	3.53	3.69	3.57
1939.....	3.83	4.02	3.99	4.19	3.94								

¹ Revised.¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by number of sheep including lambs, Jan. 1, to obtain a price for the United States; yearly price obtained by weighting State averages by estimated sales. Data for earlier years in February 1936 issue of Crops and Markets, p. 40.

TABLE 480.—*Sheep and lambs: Average price per 100 pounds at Chicago, 1929-39*

SHEEP

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average ¹
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	9.32	8.78	9.72	10.34	6.78	6.28	5.85	5.34	4.56	4.70	5.38	5.41	6.87
1930.....	6.50	5.53	5.59	5.66	5.31	3.38	3.12	3.53	3.50	3.10	3.34	3.22	4.32
1931.....	3.97	4.25	4.54	3.90	2.78	1.62	2.50	2.03	1.58	1.94	2.16	2.18	2.79
1932.....	2.62	3.25	3.75	3.06	1.41	1.65	1.66	1.92	1.62	1.59	1.82	2.08	2.20
1933.....	2.30	2.34	2.48	2.38	2.51	2.34	2.09	2.25	2.14	2.03	2.18	2.55	2.30
1934.....	3.42	4.41	5.06	5.06	2.65	1.59	1.88	2.34	2.17	1.90	2.09	2.84	2.95
1935.....	4.30	4.75	4.51	4.44	3.57	2.56	2.65	2.81	3.25	3.72	4.54	4.73	3.82
1936.....	4.92	4.78	5.19	5.52	4.22	3.28	3.48	2.84	3.18	3.09	3.53	3.95	4.00
1937.....	5.34	5.51	6.45	6.19	5.22	3.65	4.03	4.29	3.85	3.84	3.81	3.86	4.67
1938.....	3.96	3.96	4.78	5.08	3.88	3.18	3.19	3.32	3.06	3.08	3.58	3.96	3.75
1939.....	4.21	4.63	6.04	6.48	5.12								

LAMBS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average ¹
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929.....	16.37	16.53	17.07	16.82	13.62	15.34	14.38	13.50	13.19	12.72	12.72	13.22	14.62
1930.....	13.28	11.03	10.28	9.38	9.73	12.28	10.18	9.39	8.24	7.72	7.34	7.44	9.69
1931.....	8.43	8.19	8.31	9.06	8.55	7.72	6.62	6.88	6.49	5.88	5.64	5.32	7.26
1932.....	5.88	6.26	6.83	6.69	5.12	6.26	6.22	5.72	5.56	5.12	5.60	5.82	8.92
1933.....	5.90	5.51	5.41	5.25	6.36	7.50	7.82	7.52	7.16	7.00	6.95	7.37	6.65
1934.....	8.58	9.66	9.25	9.54	8.47	8.84	7.42	6.98	6.59	6.41	6.66	7.76	8.01
1935.....	9.02	8.49	8.24	8.16	7.50	8.91	8.52	8.96	9.49	9.26	10.53	11.16	9.02
1936.....	10.60	10.14	9.95	11.03	10.54	11.34	9.85	9.31	9.42	8.73	9.00	8.98	9.91
1937.....	10.43	10.49	12.06	12.54	10.82	11.60	10.97	10.92	10.71	10.12	9.68	9.01	10.78
1938.....	8.34	7.64	8.80	8.49	7.91	9.15	9.08	8.40	7.95	8.23	8.98	8.99	8.50
1939.....	8.94	8.96	9.21	10.02	9.88								

¹ Simple average of monthly prices.² Yearly average includes average spring lamb price for June.

Bureau of Agricultural Economics. Bulk of sales prices from data of the livestock and meat reporting service of the Bureau. Data for 1901-28 available in 1932 Yearbook, table 356.

TABLE 481.—*Lambs: Average price per 100 pounds received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929-----	12.23	12.60	13.12	13.36	12.79	12.31	11.90	11.46	11.08	10.97	10.74	10.76	11.90
1930-----	11.10	10.46	9.63	9.02	8.92	9.02	8.08	6.82	6.67	6.15	6.21	6.18	7.74
1931-----	6.30	6.59	6.84	6.94	6.96	6.42	5.60	5.33	5.04	4.64	4.46	4.19	5.64
1932-----	4.43	4.68	5.05	5.13	4.78	4.49	4.37	4.11	4.11	3.95	3.91	3.95	4.46
1933-----	4.09	4.19	4.27	4.34	4.72	5.18	5.24	5.26	5.08	5.01	4.95	4.92	5.05
1934-----	5.50	6.55	6.79	6.82	6.95	6.37	5.64	5.02	4.86	4.81	4.84	5.01	5.90
1935-----	6.21	6.65	6.67	6.58	6.59	6.52	6.26	6.47	7.23	7.38	7.57	8.15	7.22
1936-----	8.25	8.31	8.10	8.46	8.59	8.33	7.94	7.59	7.43	7.25	7.23	7.26	8.03
1937-----	7.92	8.12	8.83	9.19	9.16	8.88	8.50	8.64	8.57	8.42	7.87	7.48	8.84
1938-----	7.15	6.63	7.35	7.23	6.90	6.84	6.84	6.59	6.46	6.37	6.82	7.08	7.04
1939-----	7.33	7.37	7.43	7.88	8.02								

¹ Revised.² Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by State, weighted by number of sheep including lambs, Jan. 1, to obtain a price for the United States; yearly price obtained by weighting State averages by estimated sales. Data for earlier years in February 1930 issue of Crops and Markets, p. 44.

TABLE 482.—*Sheep and lambs: Income and cost of sheep and lambs shipped in for feeding and breeding, United States, 1909-37*

Year	Cash income ¹ from sales of sheep, lambs, mutton, and lamb	Value of sheep and lambs slaugh- tered for home con- sump- tion	Gross income ¹ from sales of sheep, lambs, mutton, and lamb	Cost of sheep and lambs ¹ shipped in for feeding and breeding	Year	Cash income ¹ from sales of sheep, lambs, mutton, and lamb	Value of sheep and lambs slaugh- tered for home con- sump- tion	Gross income ¹ from sales of sheep, lambs, mutton, and lamb	Cost of sheep and lambs ¹ shipped in for feeding and breeding
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1909-----	94,167	1,602	95,769	24,861	1924-----	180,658	2,881	183,539	57,481
1910-----	105,314	1,649	106,963	33,322	1925-----	206,888	2,989	209,877	66,319
1911-----	99,325	1,302	100,627	30,724	1926-----	205,165	2,864	208,029	60,078
1912-----	109,232	1,310	110,542	29,905	1927-----	197,233	2,750	199,983	59,738
1913-----	115,310	1,348	116,658	34,815	1928-----	221,095	2,980	224,075	60,826
1914-----	116,180	1,451	117,631	32,068	1929-----	224,457	2,757	227,214	64,557
1915-----	110,756	1,599	112,355	30,530	1930-----	161,211	1,920	163,131	52,774
1916-----	127,478	1,902	129,380	34,362	1931-----	130,020	1,803	131,823	28,683
1917-----	159,327	3,081	162,408	45,225	1932-----	92,886	1,565	94,451	19,042
1918-----	196,499	3,312	199,811	59,197	1933-----	104,468	1,802	106,270	27,438
1919-----	213,533	3,387	216,920	68,814	1934-----	131,297	2,159	133,456	29,645
1920-----	166,252	3,073	169,325	50,622	1935-----	156,167	2,613	158,780	36,081
1921-----	108,594	1,803	110,397	25,350	1936-----	170,394	2,901	173,295	32,707
1922-----	143,154	2,779	145,933	42,141	1937 ² -----	191,496	3,114	194,610	41,085
1923-----	159,859	2,924	162,783	46,596					

¹ No adjustments were made for sheep and lambs shipped in and changes in inventory.² Includes sheep and lambs purchased from other States and from central markets, but excludes interfarm sales.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 483.—*Sheep and lambs: Shipments, slaughter, net production, and income, by States, 1937 (preliminary)*

State and division	Number						Total net production ¹		Cash income ² from sales of sheep, lambs, mutton, and lamb	Gross income from sales of sheep, lambs mutton, and lamb
	Shipments and local slaughter		Shipped in		Farm slaughter		Quantity	Value		
	Sheep	Lambs	Sheep for feeding and breed- ing	Lambs for feeding	Sheep	Lambs				
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4	11	.....	.....	3	5	1,380	101	109	120
New Hampshire.....	2	4	.....	.....	.....	1	385	30	35	36
Vermont.....	2	7	.....	.....	.....	2	740	53	53	55
Massachusetts.....	.....	1	.....	.....	.....	1	175	10	12	13
Rhode Island.....	.....	2	.....	.....	.....	.....	130	12	12	12
Connecticut.....	1	1	.....	.....	.....	1	130	12	17	18
New York.....	39	179	7	15	8	16	16,900	1,398	1,560	1,575
New Jersey.....	1	2	.....	.....	.....	1	195	22	28	30
Pennsylvania.....	57	154	.....	1	5	12	17,220	1,309	1,371	1,385
North Atlantic.....	106	361	7	16	16	39	37,255	2,947	3,197	3,244
Ohio.....	229	1,097	10	230	5	10	91,800	7,043	8,121	8,186
Indiana.....	114	575	10	198	2	3	51,230	4,237	5,139	5,163
Illinois.....	81	788	46	440	4	12	50,150	4,235	6,949	6,735
Michigan.....	143	664	5	107	3	5	65,499	5,462	6,165	6,183
Wisconsin.....	61	311	2	69	2	10	26,825	1,994	2,394	2,457
East North Central.....	628	3,435	73	1,044	16	40	285,474	22,971	28,468	28,724
Minnesota.....	70	1,021	20	346	3	5	71,052	5,911	7,948	7,987
Iowa.....	144	1,156	6	590	5	11	83,435	6,673	9,063	9,143
Missouri.....	92	911	31	190	3	5	72,060	6,232	7,020	7,060
North Dakota.....	48	453	5	75	4	9	34,290	2,641	2,999	3,068
South Dakota.....	64	467	4	100	3	4	39,705	3,074	3,311	3,349
Nebraska.....	81	766	48	800	4	5	38,313	3,466	7,053	7,108
Kansas.....	43	471	15	348	2	5	28,270	2,406	4,078	4,115
West North Central.....	542	5,245	129	2,449	24	44	367,125	30,403	41,472	41,830
North Central.....	1,170	8,680	202	3,493	40	84	652,599	53,374	69,940	70,554
Delaware.....	.....	1	.....	.....	.....	.....	175	11	10	12
Maryland.....	6	47	1	.....	1	3	4,360	409	422	435
Virginia.....	10	302	12	2	4	10	25,120	2,368	2,414	2,467
West Virginia.....	38	347	.....	.....	5	7	33,195	2,715	2,640	2,677
North Carolina.....	1	22	.....	.....	1	9	1,885	150	133	156
South Carolina.....	1	2	.....	.....	1	1	315	16	16	18
Georgia.....	1	4	.....	.....	1	2	470	26	20	25
Florida.....	4	2	.....	.....	1	.....	475	20	23	24
South Atlantic.....	61	727	13	2	15	32	65,995	5,715	5,678	5,814
Kentucky.....	22	961	28	107	4	5	71,485	7,034	7,553	7,579
Tennessee.....	30	240	4	2	4	7	21,535	1,827	1,816	1,843
Alabama.....	2	4	.....	.....	1	3	830	46	32	38
Mississippi.....	7	14	4	6	1	3	1,265	62	79	84
Arkansas.....	.....	31	.....	1	.....	.....	2,225	169	161	168
Louisiana.....	29	37	.....	.....	3	4	5,019	231	190	202
Oklahoma.....	12	170	25	112	1	2	10,160	855	1,126	1,140
Texas.....	666	2,112	3	87	30	40	248,540	15,577	12,936	13,240
South Central.....	759	3,569	64	315	44	67	361,059	25,801	23,893	24,294
Montana.....	353	1,413	10	150	10	15	115,425	9,305	10,775	10,883
Idaho.....	233	1,702	30	400	10	20	119,940	9,160	12,220	12,369
Wyoming.....	215	1,521	25	111	10	20	120,644	9,352	9,534	9,984
Colorado.....	235	2,066	188	1,296	10	15	104,870	9,811	17,050	17,196
New Mexico.....	188	769	23	15	65	20	65,195	4,278	4,546	4,871
Arizona.....	94	243	68	.....	75	20	32,161	2,232	2,036	2,458
Utah.....	90	1,153	5	50	20	20	74,872	5,875	7,044	7,217
Nevada.....	42	356	1	1	7	8	23,985	1,902	2,124	2,186
Washington.....	21	439	5	.....	8	10	34,410	2,695	2,976	3,016
Oregon.....	199	1,047	.....	.....	15	20	80,259	6,262	7,405	7,529
California.....	175	1,756	89	220	17	33	120,131	10,230	12,778	12,995
Western.....	1,843	12,465	435	2,249	247	201	891,892	71,102	88,788	90,704
United States.....	3,939	25,802	721	6,075	362	423	2,008,800	158,939	191,496	194,610

¹ Adjustments were made for sheep and lambs shipped in and changes in inventory.² No adjustments were made for sheep and lambs shipped in and changes in inventory.

Bureau of Agricultural Economics.

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TABLE 484.—*Sheep and lambs: Annual slaughter, United States, 1899–1938*

Year	In wholesale establishments		In retail establishments	On farms	Total	Year	In wholesale establishments		In retail establishments	On farms	Total
	Federally inspected	All other					Federally inspected	All other			
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1899.....	8,858	1,543	1,000	499	11,900	1919.....	12,691	1,588	1,025	480	15,784
1900.....	8,940	1,484	1,050	526	12,000	1920.....	10,982	1,512	1,000	490	13,984
1901.....	9,996	1,461	1,150	593	13,200	1921.....	13,005	2,307	940	490	16,742
1902.....	10,519	1,455	1,200	526	13,700	1922.....	10,629	1,994	940	510	14,373
1903.....	10,508	1,507	1,150	575	13,800	1923.....	11,529	2,162	940	515	15,146
1904.....	10,046	1,506	1,150	598	13,100	1924.....	11,991	2,108	936	543	15,578
1905.....	10,026	1,245	1,150	679	13,100	1925.....	12,001	1,070	951	508	15,430
1906.....	10,385	1,358	1,360	697	13,800	1926.....	12,961	1,990	981	512	16,444
1907.....	10,252	1,419	1,550	578	13,799	1927.....	12,883	1,842	900	488	16,113
1908.....	10,305	1,456	1,850	589	14,200	1928.....	13,488	1,925	1,181	482	17,076
1909.....	11,343	1,634	1,940	547	15,464	1929.....	14,023	2,000	997	463	17,483
1910.....	11,408	1,694	1,700	530	15,332	1930.....	16,697	2,518	1,333	474	21,122
1911.....	14,020	2,147	1,500	510	18,177	1931.....	18,071	2,850	1,015	596	23,132
1912.....	14,979	2,362	1,320	470	19,131	1932.....	17,899	2,740	1,671	744	23,054
1913.....	14,406	2,339	1,160	470	18,375	1933.....	17,354	2,475	1,226	781	21,836
1914.....	14,229	2,376	960	470	18,035	1934.....	116,055	2,304	1,264	806	20,429
1915.....	12,212	1,934	960	470	15,576	1935.....	17,644	2,518	1,224	801	22,187
1916.....	11,941	1,789	960	470	15,160	1936.....	17,216	2,594	1,210	820	21,840
1917.....	9,345	1,323	990	470	12,128	1937.....	17,270	2,459	1,223	752	21,704
1918.....	10,320	1,375	1,050	475	13,220	1938.....	18,060	2,580	1,179	699	22,518

¹ Excludes 1,356,421 sheep slaughtered for Government account.

Bureau of Animal Industry and Agricultural Economics. From 1899 to 1906, figures in the "Federally inspected" column are the estimated equivalent of Federally inspected slaughter.

TABLE 485.—*Mutton and lamb: International trade, averages 1925–34, annual 1935–37*

Country	Average 1925–29		Average 1930–34		1935		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES										
New Zealand.....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Argentina.....	301,079	0	403,872	0	406,710	0	380,625	0	407,706	0
Australia.....	178,547	0	152,945	0	111,153	0	111,242	0	115,381	0
Uruguay.....	72,153	17	142,570	0	196,194	1	178,007	2	208,458	1
Netherlands.....	41,079	0	31,142	0	15,865	0	14,788	0	17,925	0
Brazil.....	14,942	1,049	8,353	419	4,050	166	4,363	375	3,600	333
Ireland.....	1,788	0	3,250	0	1,037	0	956	0	-----	0
Estonia.....	1,370	344	2,403	140	5,875	3	2,386	4	1,726	-----
Poland.....	557	0	775	0	1,137	0	822	0	574	0
	120	9	1,508	0	1,445	0	1,485	0	1,340	0
Total.....	609,605	1,419	746,816	559	743,466	170	704,674	381	756,710	334
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	0	629,309	0	770,458	0	780,355	0	735,047	0	792,711
France.....	213	22,079	242	24,289	26	17,380	12	17,917	29	23,579
Germany.....	537	7,868	808	2,202	1	30	0	66	0	39
United States.....	1,086	7,255	595	6,436	592	12,533	482	5,538	537	8,448
Norway.....	0	4,581	0	3,010	0	2,082	0	1,865	0	2,603
Belgium.....	702	3,759	501	4,489	25	2,811	40	3,003	39	2,690
Canada.....	1,501	2,335	342	2,231	316	83	232	19	284	40
Denmark.....	9	2,152	11	1,273	33	930	82	730	151	732
Sweden.....	36	1,058	7	1,512	1	2,059	2	1,453	2	1,336
Total.....	4,184	680,396	2,506	815,900	994	818,263	850	765,668	1,062	832,178

¹ Preliminary.

² Year ended June 30.

Bureau of Agricultural Economics. Compiled from official sources.

TABLE 486.—*Sheep and lambs: Number purchased at public stockyards and other sources for slaughter under Federal inspection, 1923-38*¹

Year	Public stockyards		Other sources		Year	Public stockyards		Other sources	
	Thousands	Percent	Thousands	Percent		Thousands	Percent	Thousands	Percent
1923	9,755	81.9	2,150	18.1	1931	15,099	81.3	3,603	18.7
1924	10,041	79.6	2,566	20.4	1932	14,778	78.8	3,968	21.2
1925	10,129	79.2	2,656	20.8	1933	13,901	76.8	4,194	23.2
1926	11,203	81.5	2,537	18.5	1934	12,408	73.8	4,396	26.2
1927	11,803	84.5	2,158	15.5	1935	13,416	74.2	4,672	25.8
1928	12,121	84.7	2,194	15.3	1936	13,174	72.2	5,078	27.8
1929	12,476	83.9	2,391	16.1	1937	12,130	67.1	5,938	32.9
1930	14,843	83.6	2,914	16.4	1938	13,345	68.4	6,171	31.6

¹ Percentages are obtained from the monthly survey of slaughtering establishments and applied to the Federally inspected slaughter. Yearly percentages formerly published have been revised, due to the inclusion of reports from additional plants. In the future, monthly reports released currently will be considered preliminary, and yearly percentages final.

Bureau of Agricultural Economics.

TABLE 487.—*Wool: Production, exports, imports, and amount available for consumption, of combing and clothing wool, and imports of carpet wool, United States, 1909-38*

Year	Combing and clothing						Carpet, imports, less re-exports
	Production			Exports, domestic ¹	Imports, less re-exports ¹	Available for consumption ²	
	Shorn	Pulled	Total				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1909	310,179	41,000	351,179	128	175,133	526,284	135,914
1910	305,834	40,000	345,834	148	94,374	440,160	76,705
1911	301,552	41,000	342,552	(0)	50,928	393,480	101,484
1912	277,880	41,500	319,380	(0)	111,653	431,033	124,649
1913	265,888	43,500	309,388	77	61,306	370,617	86,416
1914	250,621	43,000	293,621	335	165,882	459,168	84,277
1915	241,175	40,000	281,175	8,158	307,354	580,371	93,175
1916	244,037	43,600	287,637	3,919	364,355	648,073	76,167
1917	236,914	40,000	276,914	1,827	341,864	616,951	73,002
1918	235,993	42,000	278,993	407	377,682	675,268	69,292
1919	270,091	48,300	318,391	2,840	336,774	652,325	96,873
1920	250,888	42,900	293,788	8,845	207,419	492,362	53,093
1921	241,723	48,500	290,223	1,927	217,233	505,529	97,820
1922	228,367	42,000	270,367	453	189,486	459,400	172,828
1923	230,168	42,500	272,668	535	243,270	515,403	121,518
1924	238,205	43,800	282,005	309	94,485	376,191	140,084
1925	235,203	46,800	300,003	273	171,980	471,710	157,579
1926	269,261	49,600	318,861	292	170,142	488,711	115,235
1927	289,404	50,100	339,504	323	109,850	449,031	143,871
1928	314,820	51,900	366,720	485	87,132	453,367	148,794
1929	327,795	54,500	382,295	239	100,352	482,406	174,483
1930	352,129	61,900	414,029	162	70,135	484,002	90,621
1931	376,301	66,100	442,401	274	42,915	485,042	113,795
1932	350,996	67,100	418,096	179	13,522	431,439	39,195
1933	374,152	64,200	438,352	19	59,341	497,674	114,468
1934	370,329	60,500	430,829	119	29,258	459,968	79,064
1935	364,667	66,000	430,667	20	41,984	472,631	158,477
1936	360,327	66,200	426,527	16	110,712	537,223	143,276
1937	366,609	66,200	432,809	68	150,160	582,901	172,091
1938	372,810	63,700	436,510	1,343	80,811	465,978	71,908

¹ "Hair of Angora goat, alpaca, and other like animals" included in exports for all years, and in imports and reexports prior to 1914.

² In computing these figures, stocks not taken into consideration.

³ Exports for fiscal year ended June 30.

⁴ No transactions.

⁵ Wool not finer than 40's for the years 1930-35 has been added to combing and clothing import figure (deducted from carpet wool as reported by Department of Commerce), thus making entire series comparable.

⁶ Imports for consumption, beginning 1934.

Bureau of Agricultural Economics. Imports and exports from Foreign Commerce and Navigation of the United States.

TABLE 488.—Wool, shorn: Production, by States, 1936-38

State and division	Production			Sheep shorn ¹			Weight per fleece ¹		
	1936	1937	1938	1936	1937	1938	1936	1937	1938
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Maine.....	273	294	258	47	46	43	5.8	6.4	6.0
New Hampshire.....	68	65	57	11	10	9	6.2	6.5	6.3
Vermont.....	138	154	147	24	22	22	6.6	7.0	6.7
Massachusetts.....	42	43	43	7	7	7	6.0	6.1	6.1
Rhode Island.....	12	12	12	2	2	2	6.0	6.0	6.0
Connecticut.....	34	33	30	6	6	5	5.6	5.5	6.0
New York.....	2,318	2,518	2,304	322	327	320	7.2	7.7	7.2
New Jersey.....	35	38	30	6	6	5	5.9	6.4	6.1
Pennsylvania.....	3,108	3,192	3,008	420	420	412	7.4	7.6	7.3
North Atlantic.....	6,048	6,349	5,889	845	846	825	7.2	7.5	7.1
Ohio.....	18,800	18,450	17,753	2,350	2,250	2,276	8.0	8.2	7.8
Indiana.....	5,215	5,288	4,900	745	705	700	7.0	7.5	7.0
Illinois.....	5,257	5,366	5,419	716	688	698	7.3	7.8	7.8
Michigan.....	8,492	8,840	8,031	1,075	1,065	1,043	7.9	8.3	7.7
Wisconsin.....	3,012	3,097	2,970	407	392	396	7.4	7.9	7.5
East North Central.....	40,776	41,041	39,073	5,293	5,100	5,113	7.7	8.0	7.6
Minnesota.....	7,200	8,066	7,800	900	1,021	1,000	8.0	7.9	7.8
Iowa.....	9,626	9,600	9,701	1,250	1,200	1,228	7.7	8.0	7.9
Missouri.....	7,989	8,673	8,973	1,252	1,245	1,384	6.4	7.0	6.5
North Dakota.....	6,582	6,132	6,137	748	730	722	8.8	8.4	8.5
South Dakota.....	10,248	7,947	9,055	1,220	1,006	1,078	8.4	7.9	8.4
Nebraska.....	2,776	2,463	2,956	363	330	391	7.6	7.8	7.6
Kansas.....	3,045	3,148	3,560	412	409	455	7.4	7.7	7.4
West North Central.....	47,465	46,059	48,188	6,145	5,931	6,288	7.7	7.8	7.7
North Central.....	88,241	87,100	87,261	11,438	11,031	11,401	7.7	7.9	7.7
Delaware.....	20	20	20	3	3	3	6.5	6.5	6.5
Maryland.....	453	439	420	73	72	70	6.2	6.1	6.0
Virginia.....	1,824	1,872	1,747	380	360	364	4.8	5.2	4.8
West Virginia.....	2,670	2,666	2,515	545	503	503	4.9	5.3	5.0
North Carolina.....	293	270	275	61	54	54	4.8	5.0	5.1
South Carolina.....	43	38	39	10	9	9	4.3	4.2	4.3
Georgia.....	102	92	97	29	27	27	3.5	3.4	3.6
Florida.....	112	102	106	34	33	32	3.3	3.1	3.3
South Atlantic.....	5,517	5,499	5,219	1,135	1,061	1,062	4.9	5.2	4.9
Kentucky.....	4,858	5,222	5,309	1,012	967	1,021	4.8	5.4	5.2
Tennessee.....	1,500	1,540	1,536	368	350	349	4.1	4.4	4.4
Alabama.....	133	137	151	37	37	42	3.6	3.7	3.6
Mississippi.....	172	166	205	52	52	62	3.3	3.2	3.3
Arkansas.....	262	288	273	57	60	62	4.6	4.8	4.4
Louisiana.....	714	770	765	210	220	225	3.4	3.5	3.4
Oklahoma.....	1,424	1,856	1,958	185	183	228	7.7	8.5	8.5
Texas.....	64,265	75,835	79,305	7,790	9,280	9,743	8.2	8.2	8.1
South Central.....	73,337	85,514	89,482	9,711	11,149	11,731	7.6	7.7	7.6
Montana.....	29,351	24,892	25,245	3,156	2,540	2,550	9.3	9.8	9.9
Idaho.....	17,600	18,826	17,463	2,000	2,010	1,920	8.8	9.4	9.1
Wyoming.....	29,952	30,361	31,280	3,120	3,130	3,236	9.6	9.7	9.7
Colorado.....	13,062	13,243	12,862	1,555	1,615	1,588	8.4	8.2	8.1
New Mexico.....	15,904	15,394	15,400	2,240	2,231	2,169	7.1	6.9	7.1
Arizona.....	4,536	5,050	5,040	756	792	781	6.0	6.4	6.5
Utah.....	19,488	19,221	19,909	2,240	2,235	2,287	8.7	8.6	8.9
Nevada.....	6,318	5,878	5,920	810	744	759	7.8	7.9	7.8
Washington.....	6,119	5,819	5,965	658	649	644	9.3	9.0	9.3
Oregon.....	17,957	17,501	17,499	2,088	2,035	1,923	8.6	8.6	9.1
California.....	26,897	26,962	28,237	3,911	3,860	3,900	6.9	6.7	7.2
Western.....	187,184	182,147	184,959	22,534	21,841	21,707	8.3	8.3	8.5
United States.....	360,327	366,609	372,810	45,663	45,928	46,726	7.89	7.98	7.98

¹ Includes sheep shorn at commercial feeding yards.² For Texas and California the weight per fleece is the amount of wool shorn per sheep and lamb shorn during the year.

Bureau of Agricultural Economics.

TABLE 489.—Wool, apparel class: Mill consumption in the United States, 1918-38

Year	Scoured basis	Greasy shorn basis ¹	Percentage of total ²			Year	Scoured basis	Greasy shorn basis ¹	Percentage of total ²		
			Domestic	Fine ³	Medium ⁴				Domestic	Fine ³	Medium ⁴
	Million pounds	Million pounds	Percent	Percent	Percent		Million pounds	Million pounds	Percent	Percent	Percent
1918.....	371.2	676.0	(⁵)	(⁵)	(⁵)	1929....	253.2	554.7	80.2	57.7	42.3
1919.....	283.1	563.7	(⁵)	(⁵)	(⁵)	1930....	200.7	447.9	81.2	63.9	36.1
1920.....	264.3	510.9	51.3	54.1	45.9	1931....	237.7	545.2	89.6	61.9	38.1
1921.....	299.7	597.4	63.6	48.8	51.2	1932....	188.5	439.8	95.0	62.5	37.5
1922.....	312.8	640.4	72.3	44.6	55.4	1933....	245.5	572.2	94.0	63.2	36.8
1923.....	311.3	603.1	51.7	43.9	55.1	1934....	167.6	381.4	90.4	58.5	41.5
1924.....	249.7	518.0	69.2	49.3	50.7	1935....	304.0	713.3	94.8	60.8	39.2
1925.....	251.7	525.2	69.5	49.8	50.2	1936....	278.3	618.5	83.6	59.1	40.9
1926.....	254.7	524.1	66.0	48.4	51.6	1937....	524.4	72.7	58.6	41.4	
1927.....	258.7	551.1	75.7	51.2	48.8	1938 ⁷ ..	219.6	514.4	91.8	62.4	37.6
1928.....	232.4	511.0	82.9	54.8	45.2						

¹ The changes in relationship between wool consumption on a scoured basis and on a greasy basis during the period from 1918 to 1938 are due largely to the changes in the proportion of foreign wool, which is light shrinking, in the total consumption. A greasy shorn basis denotes shorn wool reported "greasy," plus pulled wool reported "greasy" raised to a greasy shorn basis, and shorn and pulled wool reported "scoured" raised to a greasy shorn basis, conversion factors varying with origin and grade.

² All percentages are based on consumption on a greasy shorn basis. Percentages for 1922 to 1934 are based on consumption figures for 75 to 80 percent of the industry. Beginning with 1935, percentages are based on figures for the entire industry.

³ Grades 58's, 60's and 64's, 70's, 80's.

⁴ Grades 36's to 38's, inclusive.

⁵ Not compiled by grade and origin on a greasy shorn basis.

⁶ 53-week period ended Dec. 31.

⁷ Preliminary.

Bureau of Agricultural Economics. Compiled from wool consumption reports of the Bureau of the Census.

TABLE 490.—Wool: Production in specified countries, averages 1926-35, annual 1934-38

Country	Average		1934	1935	1936	1937	1938 ¹
	1926-30	1931-35					
SOUTHERN HEMISPHERE	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Australia.....	926.4	1,010.5	1,015.4	971.1	982.8	1,010.0	² 940.0
New Zealand ³	258.2	281.1	265.0	304.3	302.9	296.8	305.0
Chile.....	26.7	25.4	28.7	25.4	28.4	30.6	.....
Argentina ⁴	⁵ 327.0	⁵ 360.8	⁵ 348.0	⁷ 364.0	⁷ 373.0	365.0	⁷ 375.0
Uruguay ¹	140.1	110.6	⁸ 119.0	⁸ 113.0	116.2	116.3	⁸ 121.0
British South Africa ¹ ¹⁰	294.1	269.5	210.0	237.8	264.0	233.0	240.5
Total 5 countries reporting to 1938.....	1,945.8	2,032.5	1,957.4	1,990.2	2,038.9	2,021.1	1,981.5
NORTHERN HEMISPHERE							
North America:							
United States:							
Shorn.....	310.7	367.3	370.3	364.7	360.3	366.8	368.5
Pulled ¹¹	53.6	64.8	60.5	66.0	66.2	66.2	(69.0)
Total.....	364.3	432.1	430.8	430.7	426.5	433.0	437.5
Canada.....	19.5	19.8	19.5	19.4	19.2	19.0	¹² 19.3
Europe:							
United Kingdom (England and Wales, Scotland, and Northern Ireland).....	112.4	114.4	112.3	105.6	104.6	103.4	108.7
Ireland.....	18.0	18.4	17.0	16.5	17.6	¹³ 16.4	¹³ 17.3
Norway.....	5.6	5.7	6.0	5.7	5.9	5.9	6.0
Netherlands.....	3.7	2.5	3.1	3.3	3.2	3.0	.....
France.....	40.0	36.9	36.4	36.8	38.4	39.7	¹⁴ 40.5
Spain ¹⁵	73.7	68.5	(68.0)	71.0	¹⁵ (71.0)	¹⁵ (71.0)
Italy ¹⁶	53.3	40.5	38.1	37.5	¹⁶ 36.3	¹⁶ 37.7	¹⁶ 39.2

See footnotes at end of table.

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TABLE 490.—Wool: Production in specified countries, averages 1926-35, annual 1934-38—Continued

Country	Average		1934	1935	1936	1937	1938 ¹
	1926-30	1931-35					
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Europe—Continued.							
Germany ²	34.8	30.4	29.8	30.7	34.5	38.1	41.2
Czechoslovakia ¹²	5.7	2.3	2.1	2.2	3.0	3.1	3.3
Hungary.....	12.2	11.4	11.0	13.0	14.6	15.0	17.6
Yugoslavia ¹³	28.3	30.7	31.1	32.1	33.3	34.6	35.8
Greece.....	14.0	18.9	16.7	17.3	18.3	18.6	18.7
Bulgaria ¹⁴	22.7	22.1	23.2	23.2	23.5	22.7	23.0
Rumania ¹⁵	66.9	63.5	68.0	60.1	61.0	(62.0)	63.8
Latvia.....	3.5	4.2	4.6	5.3	5.3	5.6	5.7
Lithuania.....	3.8	3.8	3.8	3.8	3.7	3.7	3.6
Estonia.....	1.8	1.9	2.1	2.0	2.3	2.5	2.5
Poland ¹⁶	9.5	9.9	9.6	10.8	11.1	11.7	12.5
Total 18 European countries reporting to 1938.....	430.5	412.0	411.8	402.6	413.4	420.7	439.4
Africa and Asia: ¹⁴							
Algeria.....	41.9	38.3	41.2	43.6	47.9	46.8	44.5
Tunisia ¹⁵	4.0	6.2	5.5	5.5	5.2	5.8	5.8
Turkey ¹⁶	31.3	30.1	30.9	35.3	48.9	54.2	58.5
Iraq.....	17.6	18.4	17.7	18.5	21.5	17.2	17.2
Syria.....	15.0	10.2	9.8	6.8	8.4	8.0	6.4
Total 23 Northern Hemisphere countries reporting to 1938.....	902.5	942.5	944.0	938.4	964.3	981.7	1,005.6
Total 28 Northern and Southern Hemisphere countries reporting to 1938.....	2,848.3	2,975.0	2,901.4	2,928.6	3,003.2	3,002.8	2,987.1
Estimated world total excluding Soviet Union and China ¹⁷	3,230.0	3,380.0	3,320.0	3,350.0	3,430.0	3,430.0	-----
Soviet Union.....	362.8	157.6	135.0	158.0	202.0	203.0	-----
China ¹⁷	78.0	78.0	78.0	78.0	78.0	78.0	-----

¹ Preliminary.

² December estimate of the National Council of Wool Selling Brokers.

³ Estimates based on exports alone, or exports, stocks, and domestic consumption and any other available information.

⁴ Official revisions based on more exact conversion of pulled and washed wool to a grease equivalent.

⁵ Estimates based on sheep numbers at date nearest shearing and other available data.

⁶ Estimates of the Argentine Ministry of Agriculture; subject to revision.

⁷ Estimates supplied by Buenos Aires office of the Bureau of Agricultural Economics. These are estimates of the Buenos Aires branch of the First National Bank of Boston. The 1937 figure has been revised on the basis of actual exports.

⁸ Estimates of Camara Mercantil de Productos del Pais based on exports, stocks and domestic consumption.

⁹ Estimates furnished by Buenos Aires office of the Bureau of Agricultural Economics ranged from 121,000,000 to 132,000,000 pounds.

¹⁰ Seasons beginning July 1, 1926-30, are estimates furnished by former Agricultural Attaché C. C. Taylor with adjustment for carry-over 1927 to 1930. Later estimates are those of Division of Economics and Markets, Department of Agriculture, Union of South Africa.

¹¹ Published as reported by pulleries and is mostly washed.

¹² Revisions based on recent census figures of wool production or of sheep numbers.

¹³ Estimate for 1935 carried forward.

¹⁴ Estimates for Asiatic countries, rough approximations only.

¹⁵ Estimates published by the Banque Centrale de la Turquie. These estimates supersede those published formerly which were based on exports alone.

¹⁶ Totals rounded to tens of millions.

¹⁷ Unofficial estimate based on sheep numbers in 1933, 1934, and 1935 and an estimate in the Chinese Economic Bulletin, June 1937. Former Manchuria, Turkestan, and Inner Mongolia included with China.

Bureau of Agricultural Economics. Compiled from official sources wherever available. As only a few countries publish official wool-production figures, production for many countries has been estimated on the basis of material available. In some cases reliable commercial estimates have been used or estimates of the Imperial Economic Committee. See footnotes for individual countries. This table includes wool shorn during the calendar year in the Northern Hemisphere and that shorn during the season beginning July 1 or Oct. 1 of the given calendar year in the Southern Hemisphere. Pulled wool included for most important countries at its grease equivalent. Figures in parentheses interpolated. See The Wool Situation, February 1939, for table showing all countries, and current issues for latest estimates.

TABLE 491.—*Wool tops: Volume of trading in futures on New York Wool-Top Exchange, 1931-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1931.....	325	630	305	345	1,475	475	450	340	555	450	390	275	3,360
1932.....	415	585	520	705	1,120	670	600	415	695	610	580	445	7,360
1933.....	975	1,045	530	935	875	720	360	960	925	535	1,005	645	9,510
1934.....	770	675	480	875	2,600	1,440	860	1,125	1,520	1,080	760	1,015	13,000
1935.....	1,300	745	750	885	1,165	1,010	495	475	1,100	740	1,940	1,400	12,005
1937.....	2,270	1,265	1,715	3,100	1,755	1,865	1,495	1,330	3,235	4,540	8,765	4,430	35,465
1938.....	4,925	8,435	5,700	4,360	4,970	9,225	9,030	4,395	5,490	7,285	6,495	4,095	74,395
1939.....	4,465	4,020	4,225	5,380									

¹ Trading on the New York Wool-Top Exchange commenced May 12, 1931.

Commodity Exchange Administration.

TABLE 492.—*Wool, shorn: Average price per pound received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	35.9	35.9	35.5	33.8	31.3	30.2	29.4	29.2	29.0	28.6	28.5	27.8	30.2
1930.....	27.4	25.9	23.7	21.4	19.6	19.2	19.2	19.8	20.2	19.6	19.0	18.4	19.5
1931.....	17.4	16.4	15.9	15.6	14.4	13.0	12.7	13.1	13.2	12.5	13.1	12.9	13.6
1932.....	12.5	13.0	12.5	11.0	8.8	7.2	7.0	7.4	9.1	9.5	9.4	9.2	8.6
1933.....	8.9	8.8	8.9	10.1	17.7	21.3	22.4	22.5	23.0	23.6	23.8	24.2	20.6
1934.....	24.6	25.4	26.9	26.2	23.4	21.9	21.4	20.4	19.5	19.3	19.2	18.5	21.9
1935.....	18.8	18.2	17.4	16.2	16.1	19.8	20.5	20.0	20.9	21.3	22.6	23.3	19.2
1936.....	24.1	25.6	26.5	26.2	25.8	27.8	27.5	27.2	26.5	26.4	27.2	30.1	26.9
1937.....	31.3	31.6	31.7	33.2	32.7	31.4	31.3	31.4	30.8	29.2	26.0	23.6	32.0
1938.....	21.6	20.3	19.2	18.5	18.8	17.7	18.7	19.5	18.7	19.7	20.5	20.2	19.1
1939.....	20.0	20.2	20.0	19.7	21.0								

¹ Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by number of sheep including lambs, Jan. 1, to obtain a price for the United States. Average for the year obtained by weighting State price averages for the calendar year. Data for earlier years in February 1936 issue of Crops and Markets, p. 44.

TABLE 493.—*Wool: Average price per pound in Boston market, 1929-39*
SCOURED BASIS, TERRITORY, GRADES 64'S, 70'S, 80'S (FINE COMBING)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	114	110	108	104	100	97	94	94	93	90	88	84	98
1930.....	82	79	78	76	75	76	76	76	76	75	73	72	76
1931.....	68	66	66	66	64	63	62	64	62	59	59	59	63
1932.....	58	56	54	49	44	38	36	41	45	48	47	45	47
1933.....	44	44	46	48	62	70	77	79	82	83	84	85	67
1934.....	86	87	87	86	85	84	84	76	76	76	76	76	82
1935.....	76	71	66	66	67	74	76	76	79	80	84	84	75
1936.....	88	94	94	89	88	89	89	89	89	90	99	107	92
1937.....	114	114	113	113	105	102	102	102	98	92	86	81	102
1938.....	77	71	69	69	68	65	69	71	70	71	73	72	70
1939.....	72	74	72	69	70								

SCOURED BASIS, TERRITORY, GRADE 56'S (THREE-EIGHTHS BLOOD COMBING)

	104	104	101	95	89	88	88	90	90	89	87	82	92
1929.....	75	70	67	64	62	62	62	62	62	60	59	58	63
1930.....	55	52	51	51	48	46	49	51	51	48	48	48	50
1931.....	49	49	46	42	37	32	30	34	43	42	41	39	40
1932.....	38	37	38	41	56	63	70	72	76	78	79	82	61
1933.....	82	82	82	80	78	78	78	67	66	66	66	66	74
1934.....	66	61	56	54	56	62	62	65	69	74	74	64	64
1935.....	78	82	82	77	76	77	76	76	79	80	88	95	80
1936.....	99	100	96	96	90	88	88	88	85	79	72	64	87
1937.....	63	60	58	58	56	54	58	59	59	60	61	60	59
1938.....	61	61	60	57	58								
1939.....													

GREASE BASIS, OHIO AND PENNSYLVANIA GRADE 56'S (THREE-EIGHTHS BLOOD COMBING)

	56	55	54	50	45	44	45	45	45	45	44	42	48
1929.....	39	36	34	32	29	30	30	30	30	30	29	28	31
1930.....	26	25	24	23	22	22	22	23	24	24	24	24	24
1931.....	24	23	22	20	17	15	14	17	22	22	20	20	20
1932.....	20	20	19	20	29	33	34	36	39	41	41	42	31
1933.....	42	42	42	39	34	32	32	32	31	30	30	28	35
1934.....	28	28	26	26	28	31	32	32	33	36	38	38	31
1935.....	40	42	42	37	37	38	38	38	38	39	44	40	40
1936.....	52	52	48	48	44	43	44	44	43	40	35	32	44
1937.....	31	29	27	27	26	25	30	31	30	32	33	32	30
1938.....	32	32	31	28	30								
1939.....													

Bureau of Agricultural Economics. Prices from the livestock and meat-reporting service of the Bureau. Earlier data in 1931 Yearbook, table 420.

TABLE 494.—Wool: International trade, averages 1925-34, annual 1936 and 1937¹

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Australia ²	739,123	3,990	831,595	3,108	830,583	7,584	766,165	4,299
Argentina.....	294,973	302	208,497	97	307,762	108	255,956	79
Union of South Africa.....	254,431	576	277,504	866	220,285	2,665	241,876	2,887
New Zealand.....	220,228	103	237,943	15	314,408	119	275,739	*110
Uruguay.....	117,856	0	114,502	*11	101,379	0	90,530	0
China.....	58,272	568	28,737	763	41,359	1,185	30,301	2,242
Manchuria.....	(*)	(*)	*3,075	*313	7,756	1,273	6,772	1,675
British India.....	50,373	27,843	38,276	15,637	46,479	27,329	46,470	24,911
Chile.....	26,196	435	23,536	149	21,528	1,281	26,586	600
Algeria.....	25,616	3,687	11,681	1,855	19,131	2,690	28,297	2,847
Morocco.....	13,345	0	1,998	0	4,906	0	*20,745	0
Ireland.....	12,706	1,282	11,906	830	17,477	767	12,422	766
Iran ³	11,918	1,380	*12,238	*81	19,733	0	14,102	1
Syria and Lebanon ⁴	11,902	3,675	5,357	1,572	7,033	309	8,620	882
Hungary.....	11,715	1,643	5,652	1,798	1,294	1,778	1,358	1,872
Brazil.....	11,021	0	9,351	0	13,704	2,941	6,396	3,911
Peru.....	10,760	1	10,040	3	13,199	24	12,347	6
Spain.....	9,715	4,918	3,613	9,672	.....	.....	.....	1
Egypt and Sudan.....	3,997	*-127	2,993	*-40	4,761	14	5,462	0
Falkland ⁵	3,653	0	3,914	0	3,990	0	.....	1,499
Tunisia.....	2,982	1,383	1,104	733	2,831	476	9,274	.....
Portugal.....	*2,881	*252	*1,639	*882	1,900	2,987	2,738	3,196
Total.....	1,893,663	51,911	1,935,051	38,345	2,001,498	53,530	1,862,156	51,784
PRINCIPAL IMPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
France.....	53,286	633,028	50,173	588,871	69,222	465,546	75,682	442,722
United Kingdom.....	54,037	473,061	45,112	676,471	46,560	649,501	34,050	562,384
Germany.....	24,109	361,447	18,545	335,535	945	247,093	440	244,706
United States.....	322	288,346	151	133,397	16	257,725	68	326,035
Belgium.....	10,091	135,887	72,853	164,322	106,142	247,420	113,083	256,242
Italy.....	7,188	99,134	4,959	144,051	1,117	42,298	644	92,813
Japan.....	0	93,489	0	186,681	0	219,584	0	238,970
Union of Soviet Socialist Republics.....	*4,024	46,095	*20	62,649	0	57,082	.....	64,079
Czechoslovakia.....	3,381	35,889	2,027	35,852	*1,257	*45,651	1,102	33,940
Poland.....	1,398	30,255	203	33,594	44	51,002	212	42,273
Switzerland.....	45	17,404	289	20,004	336	17,794	236	13,131
Austria.....	973	16,490	469	16,148	175	22,413	127	19,124
Canada.....	7,307	13,927	5,676	11,544	9,103	22,782	4,813	24,427
Sweden.....	241	10,826	329	12,709	429	15,818	354	14,581
Netherlands.....	2,830	10,518	4,043	16,290	6,158	13,337	4,685	11,089
Yugoslavia.....	117	5,559	286	5,523	2,205	9,473	2,056	6,607
Rumania.....	1,296	4,101	1,099	2,620	1,112	890	1,349	2,417
Denmark.....	355	2,808	195	4,423	493	5,344	302	4,904
Finland.....	0	2,806	0	3,565	0	6,273	0	6,380
Bulgaria.....	3	2,699	12	2,633	5	1,555	6	1,306
Greece.....	641	2,063	731	3,085	1,089	10,467	2,645	6,869
Norway.....	601	1,812	327	1,867	301	2,467	279	2,247
Total.....	181,245	2,287,644	207,499	2,361,834	247,309	2,411,515	242,133	2,437,546

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ 4-year average.⁴ Not shown prior to 1932; included in data for China.⁵ 3-year average.⁶ The 1925-29 average is for the years beginning Mar. 20, 1935; annual figures are for years ended June 21.⁷ Years ended June 21.⁸ Excess of reexports over imports.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. "Wool" in this table includes washed, unwashed, scoured, pulled wool, slipe, also hair—camel's, mohair, angora goat, cashmere goat, and alpaca. The following items have been considered as not within this classification: Carded, combed, dyed wool, fleeces; sheep, lamb, and goat skins with hair on, mill waste, noils, and tops.

TABLE 495.—Wool, grades 64's-70's, 56's: Average price per pound at London, clean basis, 1929-39

GRADES 64's-70's¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	91.20	90.00	85.20	83.00	79.00	76.25	73.50	70.00	66.91	64.88	63.87	62.86	75.55
1930.....	54.75	54.75	50.69	52.72	55.76	54.70	52.70	51.70	50.69	50.69	44.61	41.57	51.28
1931.....	34.47	38.53	44.61	42.58	42.58	40.55	39.54	37.51	34.47	30.79	31.78	26.00	36.95
1932.....	29.31	30.24	29.57	28.91	27.56	27.35	28.10	29.33	31.10	29.72	27.98	27.32	28.87
1933.....	28.71	29.94	28.25	30.95	35.23	41.79	52.31	52.53	56.36	54.46	68.66	67.15	45.53
1934.....	71.53	69.20	71.10	71.39	68.08	61.52	56.71	51.71	45.78	47.35	45.73	45.34	58.79
1935.....	45.87	45.69	43.28	46.86	49.90	54.49	56.81	55.91	55.47	57.26	59.51	59.56	52.55
1936.....	62.03	63.55	65.24	64.57	64.71	64.31	64.35	65.44	65.05	66.33	69.25	69.53	65.39
1937.....	75.66	73.41	74.80	79.89	79.24	78.15	79.17	77.85	74.29	67.10	58.81	57.77	73.01
1938.....	58.33	56.45	53.48	52.41	51.74	51.64	51.34	50.33	49.54	49.67	49.04	48.65	51.88
1939.....	46.69	47.83	46.85	46.32									

GRADE 56's

1929.....	75.00	69.95	63.90	61.80	58.80	56.75	54.70	52.70	50.69	46.64	50.69	50.69	57.69
1930.....	40.55	40.55	34.47	35.48	37.51	37.00	36.00	34.50	32.44	30.42	26.36	26.36	34.30
1931.....	21.29	24.33	29.91	28.39	26.36	25.35	24.84	23.32	21.29	20.26	24.02	21.09	24.20
1932.....	20.73	23.04	21.61	19.92	18.38	18.23	16.60	20.64	21.69	20.52	19.79	19.13	20.27
1933.....	20.66	21.03	19.67	21.63	24.99	28.00	32.94	33.77	36.93	38.90	51.50	51.16	31.76
1934.....	58.91	54.52	52.00	51.53	48.40	42.59	37.81	35.88	33.29	35.00	33.26	35.03	43.18
1935.....	35.67	35.54	31.84	33.76	36.15	37.53	38.22	37.27	35.95	34.76	38.99	39.02	36.22
1936.....	41.36	41.97	43.49	43.25	41.41	40.78	40.28	41.88	43.54	44.90	46.84	51.12	43.38
1937.....	55.72	54.04	53.43	57.36	57.63	56.04	55.88	55.01	52.11	47.49	42.67	41.64	52.42
1938.....	41.67	39.73	36.61	36.32	36.74	36.15	35.43	35.59	35.78	36.51	36.29	36.00	36.90
1939.....	35.02	33.19	33.19	33.64									

¹ Reported in earlier years as 64's-67's.

Bureau of Agricultural Economics. These data were obtained from prices given by Kreglinger & Farnau for the opening and closing of each series of the London wool sales. For months when no sales were held the figures are interpolations of nearest actual prices. Conversions at monthly average rate of exchange as given in Federal Reserve Bulletin October 1931 to April 1939; others at par.

TABLE 496.—Goats and mohair: Number of goats clipped and mohair production (principal producing States), 1920-38

Year	Goats clipped	Mohair production	Average clip per goat ¹	Year	Goats clipped	Mohair production	Average clip per goat ¹
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
1920.....	2,367	8,566	3.6	1930.....	4,241	17,583	4.1
1921.....	2,528	9,461	3.7	1931.....	4,457	19,376	4.3
1922.....	2,254	8,589	3.8	1932.....	4,201	16,935	4.0
1923.....	2,307	9,183	4.0	1933.....	4,092	16,539	4.0
1924.....	2,548	9,986	3.9	1934.....	3,916	16,182	4.1
1925.....	2,565	11,146	4.3	1935.....	3,537	15,634	4.4
1926.....	3,124	12,803	4.1	1936.....	3,668	15,986	4.4
1927.....	3,265	13,990	4.3	1937.....	3,722	16,368	4.4
1928.....	3,716	15,956	4.3	1938 ²	3,876	16,762	4.3
1929.....	3,873	16,736	4.3				

¹ In States where goats are clipped twice a year, figures include both spring and fall clip.² Preliminary.

Bureau of Agricultural Economics. Data are the estimates of 7 States.

TABLE 497.—*Goats and mohair: Number of goats clipped and mohair production (principal producing States), 1935-38*

State	Goats clipped				Mohair production				Average clip per goat ¹			
	1935	1936	1937	1938 ²	1935	1936	1937	1938 ²	1935	1936	1937	1938 ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	Lb.	Lb.	Lb.	Lb.
Missouri.....	108	114	115	93	259	285	265	214	2.4	2.5	2.3	2.3
Texas ³	2,820	2,980	3,046	3,219	13,000	13,400	13,760	14,040	4.6	4.5	4.5	4.4
New Mexico.....	225	200	190	200	920	860	892	982	4.1	4.3	4.7	4.9
Arizona.....	189	170	167	164	680	628	650	690	3.6	3.7	3.9	4.2
Utah.....	56	58	56	50	250	265	250	235	4.5	4.6	4.5	4.7
Oregon.....	108	116	120	123	410	440	456	504	3.8	3.8	3.8	4.1
California.....	31	30	28	27	115	108	95	97	3.7	3.6	3.4	3.6
Total.....	3,537	3,668	3,722	3,876	15,634	15,986	16,368	16,762	4.4	4.4	4.4	4.3

¹ In States where goats are clipped twice a year, figures include both spring and fall clip.² Preliminary.³ In Texas kids are clipped in fall of year of birth. Figures include both goats and kids clipped.

Bureau of Agricultural Economics.

TABLE 498.—*Meat and meat food products from foreign countries Federally inspected and passed for entry into United States, 1929-38*

Year	Chilled and frozen fresh meats			Cured meat	Canned meat	Sausage (not canned)	Other products	Total
	Beef and veal	Mutton and lamb	Pork					
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1929.....	41,323,969	4,452,738	2,994,113	27,570,648	77,504,216	1,129,620	9,843,231	164,818,535
1930.....	7,688,458	107,314	815,561	5,577,313	48,535,145	1,043,940	4,638,319	68,376,050
1931.....	1,870,532	163,500	649,330	4,757,226	18,124,065	1,048,589	4,362,109	30,975,351
1932.....	633,728	67,598	1,271,753	4,034,140	21,855,233	969,174	1,918,143	30,749,801
1933.....	259,484	8,608	403,421	2,273,542	43,229,791	620,438	1,147,248	47,042,529
1934.....	233,290	10,232	175,604	1,825,118	45,646,363	438,629	4,811,088	53,140,324
1935.....	11,447,476	45,456	4,140,224	5,537,203	79,122,441	657,696	73,581,344	174,531,840
1936.....	2,051,675	44,453	12,852,181	8,917,247	109,016,257	951,352	26,528,234	160,361,399
1937.....	3,640,592	95,332	21,144,502	10,168,806	134,329,335	1,096,593	18,662,362	189,137,522
1938.....	1,977,843	9,283	4,478,712	4,509,036	117,225,204	820,619	3,649,428	132,670,125

Bureau of Animal Industry.

TABLE 499.—*Meat and meat food products prepared and processed under Federal inspection, 1938, and totals 1928-37 ¹*

Product	Quantity	Product	Quantity
Meat placed in cure:	1,000 pounds	Lard:	1,000 pounds
Beef.....	125,423	Rendered.....	1,034,193
Pork.....	2,260,294	Refined.....	759,103
Smoked and/or dried:		Oleo stock.....	122,594
Beef.....	52,619	Edible tallow.....	82,595
Pork.....	1,830,803	Compound containing animal fat.....	389,571
Sausage:		Oleomargarine containing animal fat.....	55,025
Fresh, finished.....	110,985	Miscellaneous.....	14,893
Smoked and/or cooked.....	547,580	Total, 1938.....	8,020,082
To be dried or semidried.....	103,863		
Loaf, headcheese, chili con carne, jellied products, etc.....	99,164	Total:	
Cooked meat:		1937.....	7,292,202
Beef.....	13,012	1936.....	7,550,872
Pork.....	165,004	1935.....	0,216,579
Canned meat and meat products:		1934.....	8,445,409
Beef.....	73,965	1933.....	8,546,080
Pork.....	137,927	1932.....	8,091,438
Sausage.....	28,355	1931.....	8,408,882
Soup.....	209,349	1930.....	8,457,475
All other.....	63,300	1929.....	9,169,950
Bacon, sliced.....	240,465	1928.....	9,039,407

¹ The figures in this table do not represent production, as a product may be inspected more than once in course of further manufacture.

Bureau of Animal Industry.

TABLE 500.—Meats and lard: Estimated total production and per capita consumption in the United States, 1899-1938¹

Year	Production					Per capita consumption					
	Beef	Veal	Lamb and mutton	Pork (excl. lard)	Lard	Beef	Veal	Lamb and mutton	Pork (excl. lard)	Total meats	Lard
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1899.....	5,522	387	487	6,310	1,657	67.2	5.2	6.5	71.8	150.7	12.4
1900.....	5,628	397	493	6,329	1,632	67.0	5.2	6.5	71.9	150.6	12.9
1901.....	5,814	422	548	6,357	1,630	67.7	5.4	7.0	70.6	150.7	12.6
1902.....	5,649	476	564	5,936	1,477	64.9	6.0	7.1	66.6	144.6	11.8
1903.....	6,240	492	563	6,067	1,513	70.5	6.1	6.9	67.9	151.4	11.6
1904.....	6,176	491	538	6,387	1,622	69.2	6.0	6.5	70.3	152.0	11.6
1905.....	6,504	556	530	6,629	1,725	70.9	6.6	6.3	70.6	154.4	11.5
1906.....	6,537	598	543	6,793	1,718	70.9	7.0	6.3	70.7	154.9	11.5
1907.....	6,544	626	553	7,059	1,772	70.2	7.2	6.3	73.7	157.4	12.9
1908.....	6,662	637	559	7,535	1,891	71.8	7.2	6.2	77.4	162.6	14.1
1909.....	6,915	660	608	8,557	1,612	74.0	7.3	6.7	66.9	154.9	12.2
1910.....	6,647	667	597	8,057	1,538	70.5	7.2	6.4	62.4	146.5	12.4
1911.....	6,549	666	693	6,961	1,728	68.6	7.1	7.4	69.2	152.3	12.0
1912.....	6,234	662	735	6,822	1,639	64.7	7.0	7.7	66.8	144.8	10.9
1913.....	6,182	608	706	6,979	1,633	63.8	6.3	7.3	67.4	144.8	10.9
1914.....	6,017	569	693	6,824	1,535	62.7	5.8	7.2	65.9	141.6	10.9
1915.....	6,075	590	605	7,616	1,669	57.1	6.0	6.2	67.3	136.6	11.8
1916.....	6,460	655	585	8,207	1,685	59.6	6.5	5.9	69.8	141.8	12.0
1917.....	7,239	744	463	7,055	1,436	65.4	7.3	4.5	59.6	136.7	10.5
1918.....	7,726	760	506	8,349	1,881	69.2	7.4	4.8	61.6	143.0	12.3
1919.....	6,756	819	590	8,477	1,904	61.5	7.8	5.7	63.9	138.9	11.0
1920.....	6,306	842	538	7,648	1,943	59.1	8.0	5.4	63.5	136.0	12.2
1921.....	6,022	820	639	7,697	2,092	55.7	7.6	6.1	65.0	134.4	11.1
1922.....	6,588	852	553	8,145	2,283	59.2	7.8	5.1	65.9	137.9	13.5
1923.....	6,721	916	588	9,483	2,692	59.8	8.2	5.3	74.5	147.8	14.5
1924.....	6,877	972	597	9,149	2,635	59.9	8.6	5.3	74.7	148.5	14.5
1925.....	6,878	989	603	8,128	2,133	60.0	8.6	5.3	67.3	141.2	12.5
1926.....	7,089	955	639	7,966	2,185	60.7	8.2	5.5	64.6	139.0	12.4
1927.....	6,395	867	629	8,430	2,240	54.9	7.4	5.3	68.2	135.8	12.8
1928.....	5,771	769	663	9,041	2,432	49.0	6.5	5.5	71.3	132.3	13.4
1929.....	5,871	761	682	8,833	2,435	49.8	6.3	5.6	69.8	131.5	12.9
1930.....	5,907	789	823	8,479	2,201	48.8	6.4	6.7	67.0	128.8	12.7
1931.....	5,990	817	885	8,734	2,279	48.4	6.6	7.1	68.3	130.4	13.5
1932.....	5,760	814	884	8,915	2,351	46.4	6.5	7.1	70.6	130.6	14.3
1933.....	6,402	881	852	9,124	2,446	51.1	7.0	6.8	69.9	134.8	13.9
1934 ¹	7,020	1,052	799	8,385	2,066	58.4	8.3	6.3	64.1	134.0	12.8
1935 ¹	6,592	1,007	884	5,954	1,267	53.1	7.9	6.9	48.5	116.4	9.6
1936.....	7,438	1,078	866	7,535	1,673	58.6	8.4	6.7	55.4	129.1	11.2
1937.....	6,769	1,076	864	6,937	1,441	54.8	8.3	6.7	55.5	125.2	10.6
1938.....	6,876	963	901	7,564	1,754	54.0	7.4	6.9	57.1	128.4	11.3

¹ Not including beef, veal, and mutton from animals slaughtered for Government account in 1934 and 1935. Figures for recent years subject to revision.

Bureau of Agricultural Economics.

TABLE 501.—Meat and meat products: International trade, averages 1925-34, annual 1936 and 1937

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Argentina.....	2,028,126	465	1,473,700	192	1,437,509	85	1,629,641	68
United States.....	1,421,054	147,765	951,473	76,247	279,096	244,444	275,388	216,046
Denmark.....	640,650	26,692	865,214	13,055	489,495	4,237	551,561	3,983
Netherlands.....	535,013	206,556	351,954	118,045	151,072	60,413	205,083	113,429
New Zealand.....	442,571	1,102	578,572	768	645,121	850	678,596	215
Uruguay.....	403,161	15	312,901	203	274,189	63	245,308	
Australia ²	380,162	6,691	401,623	3,832	479,427	2,577	580,996	4,819
Canada.....	144,720	27,305	76,120	19,030	242,651	16,067	282,047	15,828
Brazil.....	131,003	10,511	175,185	2,773	233,054	1,369	232,431	³ 22
Ireland.....	105,959	66,964	77,686	34,228	89,929	4,178	81,579	3,916
Poland.....	71,019	45,836	124,614	13,778	120,020	7,807	146,021	9,986
Sweden.....	61,982	47,141	75,329	50,982	40,378	69,093	55,151	76,550
China.....	48,376	3,672	33,367	3,853	37,789	7,898	33,029	2,905
Chile.....	40,829	4,268	31,782	2,147	18,616	6,739	28,550	
Hungary.....	32,182	7,186	23,884	5,780	80,074	4,561	62,210	6,308
Yugoslavia.....	27,797	9,747	15,689	10,404	43,936	6,507	44,111	15,055
Union of South Africa.....	24,581	15,118	20,787	12,630	23,128	9,191	18,696	11,170
Rumania.....	21,506	1,572	9,248	1,529	14,692	692	15,477	791
Estonia.....	6,838	1,455	8,475	623	10,460	582	7,992	404
Madagascar.....	1,998	2	2,041	0	2,065		2,613	
Total.....	6,570,577	630,063	5,608,744	370,109	4,662,701	447,333	5,176,480	481,795
Total beef.....	2,912,067	287,425	2,098,573	170,292	1,858,570	239,857	2,036,615	207,834
Total pork.....	2,298,452	154,842	2,122,644	56,936	1,439,735	61,667	1,519,544	85,095
Total mutton and lamb.....	609,605	1,419	746,816	559	704,674	381	756,710	334
Total unclassified.....	750,458	186,377	643,711	142,322	659,722	145,428	863,611	188,532
Total.....	6,570,577	630,063	5,608,744	370,109	4,662,701	447,333	5,176,480	481,795
PRINCIPAL IMPORTING COUNTRIES								
United Kingdom.....	127,797	3,827,365	96,172	3,963,462	133,920	3,457,320	117,096	3,626,899
Germany.....	42,060	838,653	45,850	450,691	4,550	395,997	5,024	419,663
France.....	62,464	299,055	53,067	195,311	43,394	82,868	41,084	119,703
Italy.....	19,039	233,627	13,617	167,833	20,902	73,885	12,825	111,346
Belgium.....	60,118	213,742	24,184	160,264	19,995	70,008	30,194	65,080
Cuba.....	750	180,607	780	74,061	192	35,710		
Austria.....	8,495	124,462	7,100	37,131	5,205	24,515	4,319	20,521
Czechoslovakia.....	9,822	101,734	4,556	61,183	1,062	46,571	3,459	44,088
Japan.....	115	68,636	233	60,767	654	48,491	2,045	43,559
Mexico.....	7,230	82,698	306	55,355	³ 22	³ 816		
Norway.....	3,107	36,970	4,799	17,633	7,130	10,970	6,527	13,361
Spain.....	6,116	31,148	4,628	39,190				
Switzerland.....	3,383	30,242	2,917	30,014	3,624	25,497	2,983	31,227
Finland.....	4,565	19,972	5,953	9,879	10,383	4,871	10,451	5,822
Philippine Islands.....	0	20,319	18	14,109	23	10,176		0
British Malaya.....	2,336	15,306	1,292	10,490	1,145	11,393	1,300	13,648
British India.....	1,254	13,250	753	15,375	388	22,813	474	26,930
Peru.....	690	12,912	1,131	3,344	421	1,523	743	1,481
Algeria.....	1,898	12,490	1,499	15,231	1,883	12,910	4,781	11,962
Dominican Republic.....	0	8,661	0	7,330	0	1,352	0	
Union of Soviet Socialist Republics.....			6,260	12,046	³ 10,146	³ 2,623	³ 6,973	³ 3,042
Egypt.....	144	7,603	107	3,915	138	6,596	145	4,713
Total.....	361,303	6,179,452	275,162	5,433,614	265,177	4,355,908	250,421	4,573,235
Total beef.....	143,637	2,719,977	97,526	2,038,476	98,148	1,915,807	80,375	2,035,249
Total pork.....	32,815	2,181,574	26,191	2,105,992	29,178	1,446,143	32,838	1,428,013
Total mutton and lamb.....	4,184	680,396	2,506	815,900	850	765,668	1,062	832,178
Total unclassified.....	180,667	597,505	148,939	473,246	137,001	228,290	136,146	277,795
Total.....	361,303	6,179,452	275,162	5,433,614	265,177	4,355,908	250,421	4,573,235

¹ Preliminary.² Year ended June 30.³ International Yearbook of Agricultural Statistics.

Bureau of Agricultural Economics. Compiled from official sources, except where otherwise noted.

TABLE 502.—*Livestock: Average cost of animals slaughtered, per 100 pounds live-weight basis, United States, by months, 1929-39*¹

CATTLE													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
1929.....	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1930.....	10.36	9.87	10.80	11.57	11.73	11.78	11.66	10.77	10.23	9.64	9.17	9.67	10.38
1931.....	10.03	9.87	10.06	9.94	9.68	8.84	7.84	7.41	7.78	7.21	7.22	7.35	8.55
1932.....	7.16	6.57	6.78	6.61	6.28	6.30	6.22	6.41	6.06	5.70	5.66	5.13	6.23
1933.....	5.15	4.76	5.03	5.18	4.97	5.13	5.69	5.39	5.11	4.52	4.27	4.03	4.94
1934.....	3.86	3.80	4.03	4.08	4.63	4.58	4.60	4.40	4.22	3.94	3.66	3.70	4.14
1935.....	4.12	4.34	4.51	4.83	4.92	4.92	4.55	4.78	4.99	4.34	4.00	4.41	4.55
1936.....	5.77	6.42	7.16	7.68	7.82	7.28	6.68	6.50	6.30	5.85	5.77	6.22	6.54
1937.....	6.47	6.47	6.52	6.81	6.73	6.38	6.10	5.85	6.15	5.84	5.87	6.42	6.26
1938.....	7.13	7.23	7.65	8.22	8.20	8.26	8.17	7.66	7.56	6.60	6.34	6.29	7.42
1939.....	6.40	6.36	6.91	7.27	7.36	7.32	7.62	7.29	7.03	6.95	6.94	7.20	7.05
1939.....	7.70	7.87	8.03	8.05									
CALVES													
1929.....	13.50	13.02	13.73	13.28	12.66	12.84	13.01	12.29	12.33	11.19	11.02	11.29	12.48
1930.....	12.45	11.69	11.28	10.09	10.11	9.66	9.13	8.51	8.56	8.75	8.23	8.17	9.08
1931.....	9.69	8.21	7.55	7.39	7.40	7.23	6.55	7.09	7.00	6.25	5.58	5.32	7.10
1932.....	6.10	6.01	5.43	4.97	4.96	5.02	4.90	5.11	5.19	4.51	4.17	4.24	5.05
1933.....	4.57	5.15	4.81	4.48	4.74	4.47	4.61	4.93	5.00	4.59	4.17	4.21	4.63
1934.....	4.73	5.45	5.23	4.92	4.79	4.15	3.93	4.59	4.97	4.64	4.29	4.45	4.66
1935.....	6.11	6.50	7.22	7.26	7.31	7.36	6.79	6.93	7.15	6.88	6.78	7.11	6.95
1936.....	7.84	7.73	7.35	7.59	7.82	7.50	6.51	6.11	6.42	6.31	6.10	6.76	6.90
1937.....	8.07	7.68	7.89	7.99	7.87	8.02	8.02	8.11	8.13	7.20	7.18	7.12	7.78
1938.....	7.88	8.15	7.93	7.99	7.84	7.58	7.71	7.95	7.90	7.80	7.51	7.74	7.83
1939.....	8.69	9.24	8.90	8.53									
HOGS													
1929.....	9.00	9.96	11.22	11.17	10.77	10.58	11.09	10.65	10.01	9.43	9.01	9.22	10.08
1930.....	9.68	10.39	10.17	9.80	9.86	9.57	8.68	9.35	9.89	9.27	8.52	7.92	9.40
1931.....	7.63	6.99	7.37	7.28	6.46	6.22	6.22	6.05	5.39	5.03	4.56	4.07	6.12
1932.....	3.95	3.81	4.21	3.80	3.22	3.36	4.48	4.25	3.99	3.47	3.25	2.97	3.70
1933.....	2.97	3.28	3.65	3.63	4.26	4.41	4.28	3.98	4.09	4.45	3.93	3.21	3.83
1934.....	3.32	4.14	4.22	3.74	3.45	3.82	4.31	5.31	6.71	5.55	5.39	5.64	4.55
1935.....	7.65	8.06	9.03	8.88	9.07	9.27	9.38	10.86	11.18	10.03	9.23	9.46	9.23
1936.....	9.66	10.02	10.08	10.34	9.54	9.64	9.65	10.06	9.97	9.46	9.27	9.83	9.75
1937.....	10.15	9.86	9.99	9.92	10.62	10.95	11.48	11.73	11.22	10.13	8.50	7.86	9.94
1938.....	7.91	8.26	8.95	8.28	8.04	8.51	8.65	8.11	8.32	7.87	7.64	7.59	8.09
1939.....	7.28	7.71	7.42	6.88									
SHEEP AND LAMBS													
1929.....	14.97	15.44	15.94	15.85	13.82	12.83	12.95	11.91	11.62	11.35	11.28	11.82	13.24
1930.....	12.12	10.41	9.65	9.24	9.98	10.06	9.13	8.39	7.45	7.35	7.18	7.47	8.98
1931.....	8.02	8.12	8.26	8.39	8.13	7.40	6.84	6.62	6.25	5.94	5.54	5.31	7.04
1932.....	5.72	6.01	6.71	6.52	5.77	5.45	5.44	5.27	5.20	4.94	5.14	5.48	5.64
1933.....	5.67	5.41	5.35	5.21	5.98	6.67	6.95	6.74	6.36	6.19	6.20	6.67	6.10
1934.....	7.59	8.86	8.78	8.61	8.73	7.92	6.85	6.24	6.08	5.97	6.10	7.05	7.34
1935.....	8.54	8.28	7.96	7.62	7.57	7.46	7.52	7.65	8.34	8.20	8.85	9.87	8.14
1936.....	9.55	8.86	9.39	9.78	9.76	9.66	8.69	8.29	8.22	7.75	7.92	8.19	8.77
1937.....	9.50	9.88	10.99	10.92	9.69	9.95	9.60	9.34	9.46	8.74	8.55	8.18	9.55
1938.....	7.74	7.23	8.27	7.91	7.37	7.77	7.95	7.62	7.29	7.28	7.90	8.31	7.70
1939.....	8.46	8.54	8.73	9.19									

¹ Cost to wholesale slaughterers.

Bureau of Agricultural Economics.

TABLE 503.—*Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1929-38*¹

Year ended June	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses		Total slaughtered
	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1929.....	8,284	61.9	4,526	8.9	13,769	20.1	21	0.1	47,164	139.4	117	0.4	73,881
1930.....	8,281	59.5	4,491	9.5	15,307	22.9	22	.1	46,689	135.4	136	.5	74,926
1931.....	8,209	52.4	4,732	9.1	17,300	18.5	9	.1	44,021	121.8	135	.7	74,406
1932.....	7,975	53.8	4,605	10.2	18,660	17.6	8	0	45,852	139.9	100	.3	77,200
1933.....	7,736	54.0	4,548	12.4	17,284	16.6	7	0	45,698	132.6	50	.2	75,323
1934.....	9,653	81.6	5,673	17.8	16,429	22.3	7	0	45,773	153.2	33	.3	77,569
1935.....	12,569	133.7	7,116	28.1	18,280	34.7	98	1.3	34,413	104.8	19	.1	72,736
1936.....	10,286	99.6	5,783	19.3	17,317	36.0	51	.1	28,506	86.8	15	.1	61,970
1937.....	10,900	71.6	6,414	23.2	17,657	45.8	13	.1	36,226	98.0	13	.1	71,223
1938.....	9,974	57.3	5,841	20.0	17,676	42.2	0.9	.2	32,454	82.3	16	.1	65,970

¹ The numbers of condemned carcasses are expressed in thousands and tenths; that is, the last figure represents hundreds. These figures do not include parts of carcasses, data concerning which may be obtained from the Bureau of Animal Industry.

Bureau of Animal Industry.

TABLE 504.—*Livestock: Average cost of animals slaughtered, per 100 pounds live-weight basis, United States, by years, 1890-1938*¹

Year	Cattle	Hogs	Sheep and lambs	Year	Cattle	Hogs	Sheep and lambs	Year	Cattle	Hogs	Sheep and lambs
	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.		Dol.	Dol.	Dol.
1890.....	2.90	3.90	4.52	1907.....	4.25	6.10	6.17	1923.....	6.82	7.59	12.03
1891.....	3.15	4.30	4.52	1908.....	4.55	5.70	5.46	1924.....	6.64	8.04	12.77
1892.....	3.00	5.00	4.47	1909.....	4.74	7.35	6.06	1925.....	7.11	11.79	14.22
1893.....	3.18	6.60	3.93	1910.....	5.08	8.90	6.23	1926.....	7.32	12.47	12.86
1894.....	2.94	5.05	2.75	1911.....	4.75	6.70	4.76	1927.....	8.62	10.06	12.97
1895.....	3.36	4.30	3.28	1912.....	5.67	7.55	5.76	1928.....	10.59	9.20	13.53
1896.....	3.12	3.50	3.21	1913.....	6.52	8.35	6.35	1929.....	10.58	10.08	13.24
1897.....	3.59	3.70	3.90	1914.....	6.93	8.30	6.73	1930.....	8.55	9.40	8.98
1898.....	4.00	3.85	4.34	1915.....	6.47	7.10	7.72	1931.....	6.23	6.12	7.04
1899.....	4.18	4.05	4.48	1916.....	7.17	9.60	9.54	1932.....	4.94	3.70	5.64
1900.....	4.70	5.05	4.89	1917.....	8.79	15.10	13.88	1933.....	4.14	3.83	6.10
1901.....	4.62	5.85	4.15	1918.....	10.15	17.45	15.04	1934.....	4.55	4.55	7.34
1902.....	5.28	6.85	4.70	1919.....	10.70	17.85	13.91	1935.....	6.54	9.23	8.14
1903.....	4.37	6.00	4.77	1920.....	9.15	14.15	12.91	1936.....	6.26	9.75	8.77
1904.....	3.86	5.15	4.77	1921.....	6.65	8.52	8.59	1937.....	7.42	9.94	9.55
1905.....	3.99	5.25	6.10	1922.....	6.57	9.31	12.18	1938.....	7.05	8.09	7.70
1906.....	4.06	6.25	6.12								

¹ Cost to wholesale slaughterers.

Bureau of Agricultural Economics, except prior to 1921, which are estimates based on census reports.

TABLE 505.—*Hides, country: Average price per pound at Chicago, 1929-38*

Year	Ex- tremes	Heavy steers	Heavy cows	No. 1 buffs	No. 2 buffs	Bulls	Country packer brands	Country brands	No. 1 calf- skins	No. 1 kip- skins
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	14.98	12.09	11.55	12.82	11.82	8.92	11.88	10.80	20.72	18.72
1930.....	11.18	8.50	8.40	9.14	8.14	5.90	9.49	7.73	17.43	15.92
1931.....	7.77	6.02	5.61	6.32	5.32	3.99	6.70	5.05	11.81	10.42
1932.....	4.58	3.78	3.40	4.15	3.15	2.39	3.32	2.85	6.38	6.28
1933.....	8.13	6.32	5.08	7.23	6.23	4.64	8.50	5.12	12.58	11.72
1934.....	8.05	6.02	5.67	6.83	5.83	4.17	5.50	5.13	11.86	10.06
1935.....	8.30	7.19	6.87	7.68	6.68	5.43	6.23	5.83	15.69	11.78
1936.....	10.38	8.72	8.44	9.30	8.30	6.88	7.89	7.52	17.94	13.24
1937.....	13.22	11.61	11.27	11.78	10.78	9.05	10.38	9.95	20.61	15.45
1938.....	9.10	7.73	7.41	7.74	6.74	5.75	7.36	7.09	13.93	11.40

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade. Data for earlier years in 1928 Yearbook, table 435.

TABLE 506.—*Hides, packer: Average price per pound at Chicago, 1929-38*

Year	Steers					Cows			Bulls	
	Heavy native	Heavy Texas	Light Texas	Butt branded	Colo-rados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	16.98	16.08	15.16	16.11	15.39	15.86	15.75	14.86	11.42	10.17
1930.....	13.87	13.76	12.55	13.73	13.18	11.78	11.71	11.19	8.30	7.30
1931.....	9.06	8.96	8.34	8.06	8.48	8.04	8.43	7.76	5.53	4.78
1932.....	6.04	5.92	5.14	5.91	5.47	5.17	5.63	5.20	3.86	3.19
1933.....	9.67	9.66	9.09	9.66	9.18	8.89	9.28	8.78	6.93	6.18
1934.....	9.92	9.60	8.60	9.60	9.10	8.70	8.72	8.25	6.45	5.69
1935.....	12.97	12.63	11.58	12.59	12.10	10.51	10.03	9.68	9.08	8.07
1936.....	13.77	13.81	12.55	13.81	13.32	11.96	11.47	11.20	9.63	8.63
1937.....	16.95	16.84	15.57	16.84	16.40	15.36	14.91	14.60	12.55	11.55
1938.....	11.61	11.38	10.32	11.37	10.86	10.13	10.29	9.87	8.05	7.06

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade.

TABLE 507.—*Horses and mules: Number and value on farms, United States, Jan. 1, 1867-1939¹*

Year	Horses			Mules		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars
1867.....	6,820	57.56	392,534	1,000	67.73	67,727
1868.....	7,051	52.54	370,469	1,057	56.70	59,922
1869.....	7,304	60.48	441,724	1,130	78.57	88,788
1870.....	7,633	66.99	511,332	1,245	89.71	111,689
1871.....	8,054	70.02	563,933	1,305	91.47	119,372
1872.....	8,441	66.54	561,692	1,360	86.02	116,983
1873.....	8,767	65.52	574,399	1,419	83.49	118,473
1874.....	9,055	64.12	580,610	1,485	80.26	119,187
1875.....	9,333	60.10	560,880	1,548	71.64	110,902
1876.....	9,606	56.48	542,531	1,608	65.51	105,338
1877.....	9,910	53.11	526,127	1,674	63.18	105,761
1878.....	10,230	55.38	566,525	1,746	62.61	109,310
1879.....	10,574	51.55	545,134	1,816	57.06	103,626
1880.....	10,903	53.74	585,910	1,878	61.74	115,951
1881.....	11,187	57.91	647,847	1,912	68.84	131,630
1882.....	11,444	68.75	772,354	1,928	71.64	138,223
1883.....	11,794	69.92	824,580	1,975	77.79	153,626
1884.....	12,215	73.80	901,494	2,047	83.53	170,984
1885.....	12,700	72.94	926,398	2,102	81.88	172,112
1886.....	13,276	70.62	937,602	2,162	78.96	170,712
1887.....	13,821	71.59	989,480	2,213	78.39	173,467
1888.....	14,490	72.03	1,043,687	2,260	79.06	178,666
1889.....	15,064	72.39	1,090,454	2,295	78.95	181,191
1890.....	15,732	69.27	1,089,794	2,322	77.61	180,210
1891.....	16,329	67.19	1,097,153	2,377	76.93	182,854
1892.....	16,846	64.56	1,087,578	2,459	74.31	182,737
1893.....	17,289	60.72	1,049,718	2,550	69.18	176,405
1894.....	17,709	46.63	825,855	2,632	60.65	159,635
1895.....	17,849	35.57	634,921	2,708	47.23	127,899
1896.....	17,876	32.34	578,165	2,782	44.08	122,632
1897.....	17,803	30.92	550,435	2,836	40.40	114,841
1898.....	17,698	33.35	590,304	2,918	42.31	123,461
1899.....	17,728	36.61	648,977	3,012	43.52	131,681
1900.....	17,856	43.56	777,845	3,139	51.46	161,524
1901.....	17,955	53.03	952,084	3,190	63.47	202,490
1902.....	17,968	58.52	1,051,452	3,264	67.23	219,427
1903.....	18,121	62.27	1,128,470	3,353	71.73	240,524
1904.....	18,331	67.59	1,238,957	3,465	78.02	270,351
1905.....	18,491	69.73	1,289,291	3,586	87.06	312,188
1906.....	18,806	70.77	1,500,114	3,680	97.75	359,719
1907.....	19,090	92.85	1,772,596	3,814	111.46	425,112
1908.....	19,444	92.76	1,803,687	3,949	107.41	425,732
1909.....	19,731	95.13	1,876,920	4,083	108.20	442,014
1910.....	19,972	107.70	2,150,950	4,239	119.98	508,599
1911.....	20,418	111.11	2,268,677	4,429	125.73	556,865
1912.....	20,726	105.58	2,188,808	4,551	120.33	547,625
1913.....	21,008	110.58	2,323,083	4,683	124.10	581,161

See footnotes at end of table.

TABLE 507.—*Horses and mules: Number and value on farms, United States, Jan. 1, 1867-1939*¹—Continued

Year	Horses			Mules		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1914.....	21,308	109.27	2,328,261	4,870	123.47	601,282
1915.....	21,431	103.23	2,212,399	5,062	112.19	567,891
1916.....	21,334	101.45	2,164,360	5,200	113.78	591,658
1917.....	21,306	102.64	2,186,809	5,353	118.45	634,073
1918.....	21,238	103.97	2,208,056	5,485	128.97	707,381
1919.....	20,922	97.94	2,049,051	5,568	135.58	754,927
1920.....	20,091	96.45	1,937,859	5,651	148.29	837,990
1921.....	19,369	84.48	1,636,297	5,768	117.37	676,975
1922.....	18,764	71.01	1,332,508	5,824	88.99	518,300
1923.....	18,125	70.49	1,277,649	5,893	86.87	511,919
1924.....	17,378	65.39	1,136,311	5,907	85.89	507,345
1925.....	16,651	64.28	1,070,336	5,918	82.91	490,668
1926.....	16,083	65.31	1,050,367	5,903	81.51	481,153
1927.....	15,388	63.73	980,645	5,804	74.51	432,434
1928.....	14,792	66.71	986,783	5,656	79.84	451,550
1929.....	14,234	69.68	991,869	5,510	82.45	454,300
1930.....	13,742	69.98	961,664	5,382	83.93	451,725
1931.....	13,196	60.64	800,198	5,273	69.23	365,049
1932.....	12,664	53.48	677,211	5,148	60.70	312,494
1933.....	12,291	54.12	665,178	5,046	60.42	304,895
1934.....	12,052	66.88	805,994	4,945	82.42	407,566
1935.....	11,861	77.05	913,870	4,822	99.34	478,998
1936.....	11,635	96.82	1,126,457	4,684	120.36	563,781
1937.....	11,445	99.18	1,135,128	4,568	129.93	593,526
1938.....	11,128	90.96	1,012,217	4,428	122.65	543,092
1939 ²	10,800	84.40	911,572	4,382	117.72	515,869

¹ Including colts.² Preliminary.

Bureau of Agricultural Economics.

TABLE 508.—*Horses: Number on farms and farm value per head, by States, Jan. 1, 1935-39*¹

State and division	Number					Farm value per head ¹				
	1935	1936	1937	1938	1939 ²	1935	1936	1937	1938	1939
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	52	51	50	48	46	135.00	155.00	159.00	156.00	152.00
New Hampshire.....	18	17	16	16	15	106.00	130.00	142.00	139.00	139.00
Vermont.....	46	46	45	45	44	130.00	142.00	143.00	141.00	140.00
Massachusetts.....	27	27	26	25	25	133.00	160.00	152.00	147.00	140.00
Rhode Island.....	3	3	3	3	3	125.00	145.00	150.00	145.00	138.00
Connecticut.....	24	24	23	22	21	131.00	151.00	168.00	152.00	152.00
New York.....	315	312	315	312	312	120.00	143.00	155.00	157.00	147.00
New Jersey.....	39	39	38	38	37	125.00	145.00	151.00	145.00	135.00
Pennsylvania.....	294	294	294	291	288	123.00	140.00	147.00	141.00	136.00
North Atlantic.....	818	813	810	800	791	123.23	143.49	151.14	148.85	141.95
Ohio.....	478	478	483	483	473	110.00	137.00	139.00	121.00	110.00
Indiana.....	402	398	398	390	382	98.00	123.00	125.00	110.00	99.00
Illinois.....	746	739	732	703	661	85.00	105.00	106.00	93.00	87.00
Michigan.....	377	377	377	377	373	114.00	136.00	143.00	128.00	124.00
Wisconsin.....	521	526	531	526	515	99.00	127.00	128.00	124.00	118.00
East North Central.....	2,524	2,518	2,521	2,479	2,404	99.28	123.41	125.40	113.10	105.58

See footnotes at end of table.

TABLE 508.—*Horses: Number on farms and farm value per head, by States, Jan. 1, 1935-39*¹—Continued

State and division	Number					Farm value per head ²				
	1935	1936	1937	1938	1939 ³	1935	1936	1937	1938	1939
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars	Dollars
Minnesota.....	746	724	710	682	662	78.00	100.00	102.00	96.00	83.00
Iowa.....	903	885	867	824	783	84.00	108.00	105.00	91.00	84.00
Missouri.....	824	519	529	529	524	70.00	88.00	85.00	78.00	73.00
North Dakota.....	503	463	435	405	389	54.00	77.00	77.00	69.00	61.00
South Dakota.....	450	418	397	373	358	57.00	81.00	74.00	66.00	61.00
Nebraska.....	651	618	569	523	486	64.00	86.00	83.00	67.00	62.00
Kansas.....	889	554	506	450	410	62.00	76.00	75.00	63.00	60.00
West North Central.....	4,366	4,181	4,013	3,786	3,612	69.13	90.27	88.93	78.52	71.88
North Central.....	6,890	6,699	6,534	6,265	6,016	80.18	102.73	103.00	92.20	85.35
Delaware.....	14	14	14	14	15	88.00	107.00	111.00	102.00	103.00
Maryland.....	80	81	81	82	82	101.00	120.00	124.00	121.00	112.00
Virginia.....	163	165	167	167	167	98.00	119.00	128.00	124.00	117.00
West Virginia.....	99	98	96	96	97	102.00	117.00	121.00	120.00	115.00
North Carolina.....	67	68	69	69	70	103.00	117.00	126.00	125.00	116.00
South Carolina.....	21	20	20	20	20	98.00	112.00	123.00	113.00	109.00
Georgia.....	25	25	29	31	31	92.00	101.00	115.00	105.00	105.00
Florida.....	18	18	18	18	19	81.00	96.00	101.00	101.00	99.00
South Atlantic.....	487	489	494	497	501	98.90	115.85	123.15	119.90	113.39
Kentucky.....	210	214	225	232	237	80.00	99.00	104.00	101.00	94.00
Tennessee.....	141	145	151	157	162	81.00	96.00	106.00	97.00	94.00
Alabama.....	50	51	52	53	53	74.00	88.00	99.00	91.00	92.00
Mississippi.....	77	79	81	85	86	65.00	77.00	87.00	85.00	81.00
Arkansas.....	125	128	134	137	138	66.00	65.00	67.00	67.00	65.00
Louisiana.....	122	122	123	128	129	45.00	56.00	65.00	64.00	60.00
Oklahoma.....	426	426	417	400	372	57.00	71.00	70.00	62.00	58.00
Texas.....	686	693	707	707	679	62.00	64.00	67.00	64.00	64.00
South Central.....	1,837	1,858	1,890	1,899	1,856	59.42	72.85	76.58	72.75	67.01
Montana.....	347	316	284	261	253	39.00	54.00	54.00	49.00	53.00
Idaho.....	190	190	188	183	181	63.00	78.00	84.00	69.00	64.00
Wyoming.....	146	140	136	137	137	45.00	60.00	66.00	59.00	52.00
Colorado.....	278	294	289	249	237	51.00	69.00	76.00	68.00	59.00
New Mexico.....	144	141	135	130	127	41.00	53.00	62.00	51.00	49.00
Arizona.....	77	75	75	77	77	45.00	57.00	64.00	63.00	55.00
Utah.....	83	84	82	83	82	65.00	78.00	86.00	80.00	69.00
Nevada.....	37	37	38	39	39	59.00	77.00	79.00	78.00	71.00
Washington.....	172	172	163	157	152	78.00	93.00	92.00	81.00	68.00
Oregon.....	161	163	161	155	155	71.00	88.00	93.00	85.00	75.00
California.....	192	194	196	196	196	80.00	101.00	108.00	104.00	91.00
Western.....	1,829	1,776	1,717	1,667	1,636	56.49	72.99	78.11	70.63	63.98
United States.....	11,861	11,635	11,445	11,128	10,800	77.05	96.82	99.18	90.96	84.40

¹ Including colts.² The sum of total value of subgroups (classified by age), divided by total number and rounded to nearest dollar for States. Division and United States averages not rounded.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 509.—Mules: Number on farms and farm value per head, by States, Jan. 1, 1935-39¹

State and division	Number					Farm value per head ²				
	1935	1936	1937	1938	1939 ³	1935	1936	1937	1938	1939
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars	Dollars
New York.....	5	5	5	5	5	110.00	138.00	150.00	160.00	144.00
New Jersey.....	4	4	4	4	4	125.00	150.00	160.00	165.00	140.00
Pennsylvania.....	54	54	54	53	52	117.00	149.00	156.00	146.00	145.00
North Atlantic.....	63	63	63	62	61	117.29	149.84	155.89	148.44	144.61
Ohio.....	34	35	35	34	33	108.00	131.00	135.00	126.00	112.00
Indiana.....	82	81	79	77	75	108.00	126.00	131.00	123.00	114.00
Illinois.....	115	110	105	98	98	97.00	114.00	120.00	111.00	105.00
Michigan.....	7	7	7	7	7	113.00	135.00	140.00	130.00	123.00
Wisconsin.....	6	6	6	6	6	101.00	127.00	137.00	119.00	117.00
East North Central.....	244	239	232	222	219	102.73	121.61	127.29	118.28	110.07
Minnesota.....	13	13	13	13	13	86.00	107.00	107.00	104.00	92.00
Iowa.....	67	67	62	57	55	92.00	121.00	118.00	105.00	97.00
Missouri.....	246	236	227	223	219	91.00	113.00	113.00	108.00	99.00
North Dakota.....	5	5	4	4	4	65.00	96.00	90.00	88.00	75.00
South Dakota.....	11	9	8	8	8	69.00	99.00	88.00	83.00	76.00
Nebraska.....	75	70	66	61	58	81.00	105.00	107.00	87.00	81.00
Kansas.....	104	96	85	79	75	79.00	97.00	100.00	85.00	80.00
West North Central.....	521	496	465	445	432	86.28	109.11	109.61	99.62	92.02
North Central.....	765	735	697	667	651	91.53	113.17	115.50	105.83	98.09
Delaware.....	10	10	10	10	9	117.00	129.00	137.00	137.00	124.00
Maryland.....	29	29	28	28	28	120.00	139.00	145.00	145.00	132.00
Virginia.....	93	93	96	94	95	119.00	141.00	152.00	152.00	148.00
West Virginia.....	12	12	12	12	12	93.00	115.00	119.00	119.00	116.00
North Carolina.....	205	208	301	305	310	140.00	172.00	180.00	181.00	174.00
South Carolina.....	183	185	189	187	185	137.00	165.00	182.00	170.00	165.00
Georgia.....	334	331	334	337	337	135.00	155.00	174.00	154.00	150.00
Florida.....	41	41	41	41	41	117.00	134.00	149.00	151.00	143.00
South Atlantic.....	997	999	1,011	1,014	1,017	133.41	158.31	172.35	163.71	158.45
Kentucky.....	240	235	233	231	226	101.00	123.00	129.00	124.00	116.00
Tennessee.....	306	297	291	285	291	104.00	127.00	140.00	127.00	124.00
Alabama.....	322	319	319	319	316	113.00	135.00	148.00	136.00	136.00
Mississippi.....	351	347	357	357	361	96.00	114.00	129.00	121.00	120.00
Arkansas.....	307	289	283	277	277	80.00	99.00	105.00	102.00	99.00
Louisiana.....	199	199	201	205	203	84.00	99.00	110.00	113.00	111.00
Oklahoma.....	247	235	203	185	175	79.00	96.00	96.00	90.00	82.00
Texas.....	890	837	787	708	687	80.00	96.00	102.00	94.00	86.00
South Central.....	2,862	2,758	2,674	2,567	2,536	90.21	108.93	118.24	111.39	107.14
Montana.....	4	4	3	3	3	59.00	70.00	78.00	78.00	68.00
Idaho.....	6	5	5	5	5	80.00	103.00	107.00	100.00	86.00
Wyoming.....	2	2	2	2	2	70.00	99.00	105.00	100.00	72.00
Colorado.....	19	17	17	16	15	65.00	87.00	96.00	85.00	77.00
New Mexico.....	18	17	16	15	15	65.00	85.00	85.00	80.00	75.00
Arizona.....	12	12	12	12	12	65.00	90.00	93.00	90.00	84.00
Utah.....	2	2	2	2	2	72.00	82.00	85.00	91.00	88.00
Nevada.....	2	2	2	2	2	72.00	90.00	95.00	92.00	90.00
Washington.....	20	19	17	15	15	88.00	107.00	106.00	92.00	75.00
Oregon.....	10	9	8	8	8	78.00	89.00	95.00	91.00	83.00
California.....	40	40	39	38	38	89.00	110.00	121.00	113.00	108.00
Western.....	135	129	123	118	117	77.18	97.53	103.89	96.23	88.38
United States.....	4,822	4,684	4,568	4,428	4,382	99.34	120.36	129.93	122.65	117.72

¹ Including mule colts.² Sum of total value of subgroups (classified by age), divided by total number and rounded to nearest dollar for States. Division and United States averages not rounded.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 510.—*Livestock and total animal units: Estimated number on farms, United States, January 1, 1867–1939*

Year	Number					Animal units ¹			
	Horses and mules	All cattle	Milk cows	All sheep	Hogs	A	B	C	D
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1867	7, 830	28, 636	8, 263	46, 327	34, 489				
1868	8, 108	29, 238	8, 705	45, 208	33, 304			44, 299	
1869	8, 434	30, 090	9, 205	41, 112	32, 570			44, 727	
1870	8, 878	31, 082	9, 672	37, 599	33, 781			45, 876	
1871	9, 359	32, 107	9, 941	35, 138	36, 688			47, 479	
1872	9, 801	33, 078	10, 191	35, 412	39, 296			49, 265	
1873	10, 186	33, 830	10, 348	36, 902	39, 794			50, 533	
1874	10, 540	34, 521	10, 562	37, 374	38, 377			51, 456	
1875	10, 881	35, 361	10, 714	38, 377	38, 534			51, 852	
1876	11, 214	36, 140	10, 821	38, 677	35, 715			52, 808	
1877	11, 584	37, 333	11, 004	39, 347	39, 333			54, 924	
1878	11, 976	38, 396	11, 222	40, 142	43, 375			57, 820	
1879	12, 390	41, 420	11, 486	42, 978	43, 767			60, 236	
1880	12, 781	43, 347	11, 754	46, 567	44, 327			62, 683	
1881	13, 099	44, 501	11, 977	48, 971	43, 076			63, 961	
1882	13, 372	45, 738	12, 234	50, 708	42, 566			65, 332	
1883	13, 769	47, 387	12, 571	52, 935	43, 440			67, 492	
1884	14, 262	49, 804	12, 883	53, 351	45, 961			70, 430	
1885	14, 802	52, 463	13, 213	51, 420	47, 330			73, 089	
1886	15, 438	54, 868	13, 478	48, 309	45, 457			74, 846	
1887	16, 034	56, 602	13, 888	45, 887	42, 563			75, 974	
1888	16, 750	58, 599	14, 350	44, 511	42, 134			78, 055	
1889	17, 359	59, 178	14, 706	44, 065	44, 508			79, 609	
1890	18, 054	60, 014	15, 000	44, 518	48, 130	91, 175	72, 156	81, 782	99, 975
1891	18, 706	59, 968	15, 133	46, 087	47, 435	91, 485	72, 995	82, 482	100, 585
1892	19, 305	58, 128	15, 177	46, 678	45, 165	89, 674	72, 295	81, 328	99, 074
1893	19, 839	55, 119	15, 164	46, 762	43, 652	87, 667	70, 580	79, 310	97, 267
1894	20, 341	51, 713	15, 237	46, 304	46, 522	88, 417	68, 491	77, 795	98, 317
1895	20, 557	49, 510	15, 230	44, 677	47, 628	88, 199	66, 858	76, 384	98, 499
1896	20, 658	49, 205	15, 266	42, 459	49, 154	89, 113	66, 473	76, 304	99, 613
1897	20, 639	50, 447	15, 382	41, 101	51, 232	91, 140	67, 252	77, 498	101, 940
1898	20, 616	52, 868	15, 641	43, 222	53, 282	93, 954	69, 364	80, 020	105, 054
1899	20, 740	55, 927	16, 094	45, 813	51, 558	94, 799	72, 207	82, 519	106, 199
1900	20, 985	59, 739	16, 544	48, 105	51, 055	96, 978	75, 708	85, 919	108, 678
1901	21, 145	62, 576	16, 708	49, 101	50, 681	98, 448	78, 146	88, 282	110, 448
1902	21, 232	64, 418	16, 992	49, 236	47, 858	97, 705	79, 702	89, 274	109, 905
1903	21, 474	66, 004	17, 217	47, 536	48, 100	98, 973	80, 985	90, 605	111, 573
1904	21, 706	66, 442	17, 485	45, 458	51, 623	101, 970	81, 454	91, 779	114, 770
1905	22, 077	66, 111	17, 823	43, 825	53, 176	103, 248	81, 375	92, 010	116, 348
1906	22, 486	65, 009	18, 230	45, 525	53, 633	103, 689	81, 293	91, 900	117, 089
1907	22, 904	63, 754	18, 629	47, 260	56, 543	105, 723	81, 048	92, 357	119, 323
1908	23, 393	61, 089	18, 992	48, 195	58, 388	106, 799	80, 416	92, 094	120, 799
1909	23, 816	60, 774	19, 201	50, 793	52, 508	102, 836	80, 292	90, 794	117, 036
1910	24, 211	58, 993	19, 450	50, 239	48, 072	100, 682	79, 347	88, 961	115, 182
1911	24, 847	57, 225	19, 422	50, 555	55, 366	105, 581	78, 688	89, 761	120, 281
1912	25, 277	55, 675	19, 517	47, 897	55, 394	105, 198	77, 690	88, 739	119, 998
1913	25, 691	56, 592	19, 580	44, 652	53, 747	104, 836	78, 388	89, 137	119, 836
1914	26, 178	59, 461	19, 821	43, 089	52, 853	106, 232	80, 900	91, 471	121, 432
1915	26, 493	63, 849	20, 270	40, 513	56, 600	113, 525	84, 309	95, 629	128, 825
1916	26, 534	67, 438	20, 752	40, 010	60, 596	118, 568	87, 101	98, 220	134, 068
1917	26, 659	70, 979	21, 212	38, 886	57, 578	118, 452	89, 862	101, 378	134, 152
1918	26, 723	73, 040	21, 536	39, 664	62, 931	123, 720	91, 647	104, 233	139, 520
1919	26, 490	72, 094	21, 545	41, 875	64, 326	124, 119	90, 972	103, 837	140, 119
1920	25, 742	70, 400	21, 455	40, 743	69, 159	121, 640	88, 795	100, 827	137, 840
1921	25, 137	68, 714	21, 456	39, 479	58, 942	120, 688	86, 774	96, 562	136, 688
1922	24, 588	68, 705	21, 851	36, 922	59, 849	120, 932	86, 078	98, 048	138, 732

See footnotes at end of table.

TABLE 510.—*Livestock and total animal units: Estimated number on farms, United States, January 1, 1887-1939—Continued*

Year	Number					Animal units ¹			
	Horses and mules	All cattle	Milk cows	All sheep	Hogs	A	B	C	D
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1923.....	24,018	67,546	22,138	36,803	69,304	127,213	84,628	98,489	145,713
1924.....	23,285	65,996	22,331	37,139	66,576	123,596	82,822	96,137	143,696
1925.....	22,569	63,373	22,575	38,543	55,770	119,173	80,367	91,521	138,748
1926.....	21,986	60,576	22,410	40,363	52,105	113,885	77,864	88,285	133,595
1927.....	21,192	58,178	22,251	42,415	55,496	114,712	75,478	86,577	135,457
1928.....	20,448	57,322	22,231	45,258	61,873	119,078	74,428	86,803	140,453
1929.....	19,744	58,877	22,440	48,381	59,042	116,833	75,318	87,126	137,038
1930.....	19,124	61,003	23,032	51,565	55,705	114,724	76,822	87,963	135,806
1931.....	18,468	63,030	23,820	53,233	54,835	114,706	78,084	89,051	134,944
1932.....	17,812	65,770	24,896	53,974	59,301	119,799	79,841	91,701	139,456
1933.....	17,337	70,214	25,936	53,075	62,127	124,455	82,850	95,275	144,459
1934.....	16,997	74,262	26,931	53,713	58,621	123,596	85,872	97,596	143,123
1935.....	16,683	68,529	26,069	52,245	39,004	102,766	80,866	88,667	120,314
1936.....	16,319	67,929	25,439	52,022	42,837	105,062	79,869	88,436	123,118
1937.....	16,013	66,803	24,993	52,489	42,770	103,881	78,663	87,217	122,793
1938.....	15,556	66,083	24,834	52,682	44,218	104,182	77,649	86,493	121,578
1939 ²	15,182	66,821	25,093	53,762	49,011	108,471	78,022	87,824	127,040

¹ In order to show the total change in all livestock numbers as a single group, as related to the feeds used by the various species, different animal units have been devised and the estimated numbers on farms Jan. 1 have been converted to these units, which are intended to allow for differences in size and feed requirements of the several species. The weighting used in computing the animal units shown in this table has been varied somewhat over the entire period in order to make allowance for changes in feeding and marketing practices. In recent years the weighting per animal has been as follows: (a) Representing feed-grain-consuming animals, excluding chickens—horses and mules, 1.14; milk cows, 1.00; other cattle, 0.61; all sheep, 0.04; hogs, 0.87; (b) representing hay-, forage-, and pasture-consuming animals—horses and mules, 1.00; milk cows, 1.00; other cattle, 0.75; all sheep, 0.12; (c) Jan. 1 combination based largely on relative weights; (d) total feed-grain-consuming animals, including chickens, .946; chickens added to (a).

² Preliminary.

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DAIRY AND POULTRY STATISTICS

TABLE 511.—Milk cows: Number on farms Jan. 1, and value per head, United States, 1867-1939; young stock on farms Jan. 1, 1920-39

Year	Milk cows and heifers 2 years old or older, on farms		Year	Milk cows and heifers 2 years old or older, on farms		Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows
	Number ¹	Farm value per head Jan. 1		Number ¹	Farm value per head Jan. 1		
	Thousands	Dollars		Thousands	Dollars	Thousands	Thousands
1867.....	8,263	29.40	1904.....	17,485	29.00		
1868.....	8,705	26.98	1905.....	17,823	27.19		
1869.....	9,205	28.86	1906.....	18,230	29.34		
1870 ²	8,835		1907.....	18,629	30.63		
1870.....	9,672	31.89	1908.....	18,992	30.48		
1871.....	9,941	33.62	1909.....	19,201	32.09		
1872.....	10,191	29.18	1910 ³	20,685			
1873.....	10,348	26.32	1910.....	19,450	35.40		
1874.....	10,562	25.20	1911.....	19,422	40.07		
1875.....	10,714	25.29	1912.....	19,517	39.42		
1876.....	10,821	25.20	1913.....	19,580	45.04		
1877.....	11,004	25.14	1914.....	19,821	53.91		
1878.....	11,222	25.70	1915.....	20,270	55.30		
1879.....	11,486	21.55	1916.....	20,752	53.81		
1880 ³	12,445		1917.....	21,212	59.51		
1880.....	11,754	23.31	1918.....	21,536	70.63		
1881.....	11,977	23.82	1919.....	21,545	78.37		
1882.....	12,234	26.12	1920 ³	19,675			
1883.....	12,571	30.47	1920.....	21,455	81.51	4,416	4,380
1884.....	12,883	31.58	1921.....	21,456	61.19	4,166	4,174
1885.....	13,213	29.88	1922.....	21,851	48.68	3,973	4,367
1886.....	13,478	27.52	1923.....	22,138	48.65	4,159	4,358
1887.....	13,888	26.25	1924.....	22,331	49.91	4,154	4,390
1888.....	14,350	24.82	1925 ³	20,900			
1889.....	14,706	24.03	1925.....	22,575	48.34	4,177	4,306
1890 ³	16,512		1926.....	22,410	54.65	4,111	4,335
1890.....	15,000	22.30	1927.....	22,251	59.15	4,110	4,439
1891.....	15,133	21.73	1928.....	22,231	73.38	4,197	4,662
1892.....	15,177	21.53	1929.....	22,440	83.89	4,450	5,012
1893.....	15,164	21.90	1930 ³	21,154			
1894.....	15,237	21.86	1930.....	23,032	82.70	4,850	5,198
1895.....	15,230	22.11	1931.....	23,820	87.03	4,961	5,187
1896.....	15,266	22.53	1932.....	24,896	39.51	5,019	5,448
1897.....	15,382	23.08	1933.....	25,936	29.18	5,249	5,672
1898.....	15,641	27.34	1934.....	26,931	27.00	5,381	5,674
1899.....	16,094	20.46	1935 ³	24,582			
1900 ³	17,136		1935.....	26,069	30.17	4,960	5,257
1900.....	16,544	31.30	1936.....	25,439	49.27	4,789	5,439
1901.....	16,706	29.68	1937.....	24,993	50.39	4,957	5,305
1902.....	16,902	29.08	1938.....	24,834	54.44	4,874	5,387
1903.....	17,217	30.06	1939 ³	25,093	55.68	5,138	5,635

¹ Numbers (except census) are as of Jan. 1.

² Italic figures are from the census. Figures for census years 1870, 1880, and 1890 represent milk cows; 1900, cows kept for milk, 2 years old and over; 1910, cows and heifers kept for milk, born before Jan. 1, 1900 (15½ months and over); 1920, dairy cattle 2 years old and over kept mainly for milk production; 1925, 1930, and 1935, number of cows milked in 1924, 1929, and 1934. Census dates were June 1 from 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920, and 1925; Apr. 1, 1930; Jan. 1, 1935.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 512.—*Milk cows, heifers, and heifer calves: Number on farms, by States, Jan. 1, 1935-39*

State and division	Cows and heifers 2 years old and over, kept for milk									
	Number					Value per head				
	1935	1936	1937	1938	1939 ¹	1935	1936	1937	1938	1939 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
Maine.....	132	146	146	144	146	38.00	56.00	57.00	59.00	57.00
New Hampshire.....	86	82	80	78	80	48.00	67.00	68.00	71.00	72.00
Vermont.....	290	293	296	299	305	43.00	70.00	70.00	72.00	67.00
Massachusetts.....	137	138	139	139	140	68.00	84.00	80.00	92.00	90.00
Rhode Island.....	22	22	23	23	24	70.00	100.00	95.00	95.00	90.00
Connecticut.....	122	122	126	126	129	71.00	94.00	89.00	92.00	92.00
New York.....	1,321	1,347	1,371	1,395	1,423	55.00	80.00	79.00	83.00	80.00
New Jersey.....	138	138	141	142	143	84.00	106.00	108.00	120.00	118.00
Pennsylvania.....	905	887	887	887	896	45.00	68.00	72.00	78.00	76.00
North Atlantic.....	3,173	3,175	3,212	3,233	3,286	52.59	76.27	76.79	81.70	79.11
Ohio.....	1,065	1,054	1,043	1,033	1,043	31.00	51.00	52.00	56.00	58.00
Indiana.....	814	781	773	758	758	31.00	49.00	51.00	54.00	57.00
Illinois.....	1,231	1,169	1,146	1,123	1,134	34.00	53.00	55.00	59.00	62.00
Michigan.....	905	887	896	905	923	35.00	57.00	60.00	63.00	62.00
Wisconsin.....	2,136	2,136	2,136	2,157	2,179	53.00	66.00	64.00	72.00	69.00
East North Central.....	6,151	6,027	5,994	5,976	6,037	32.88	57.33	57.92	63.15	63.21
Minnesota.....	1,776	1,705	1,671	1,688	1,705	26.00	51.00	52.00	57.00	59.00
Iowa.....	1,580	1,533	1,502	1,472	1,472	28.00	51.00	51.00	55.00	60.00
Missouri.....	1,017	1,017	946	955	945	22.00	41.00	38.00	44.00	47.00
South Dakota.....	584	584	549	528	528	23.00	45.00	41.00	46.00	51.00
North Dakota.....	574	557	518	513	513	22.00	49.00	42.00	47.00	53.00
Nebraska.....	750	720	684	629	648	27.00	49.00	45.00	48.00	56.00
Kansas.....	921	866	805	765	773	24.00	42.00	41.00	45.00	52.00
West North Central.....	7,214	6,982	6,675	6,550	6,584	25.16	47.56	46.07	50.72	55.28
North Central.....	13,365	13,009	12,669	12,526	12,621	28.71	52.09	51.67	56.65	59.07
Delaware.....	35	35	35	35	36	41.00	55.00	61.00	71.00	68.00
Maryland.....	192	188	188	192	198	39.00	56.00	60.00	66.00	63.00
Virginia.....	420	412	408	408	420	28.00	40.00	42.00	46.00	48.00
West Virginia.....	262	259	249	251	251	27.00	40.00	39.00	44.00	45.00
North Carolina.....	381	385	381	370	381	29.00	36.00	38.00	39.00	41.00
South Carolina.....	189	189	183	172	178	28.00	31.00	34.00	38.00	39.00
Georgia.....	419	398	386	386	390	20.00	25.00	30.00	31.00	32.00
Florida.....	110	113	115	106	111	32.00	35.00	37.00	39.00	40.00
South Atlantic.....	2,008	1,979	1,945	1,920	1,965	27.89	36.85	39.48	42.82	43.69
Kentucky.....	610	586	557	551	540	24.00	37.00	38.00	40.00	43.00
Tennessee.....	594	570	553	553	567	21.00	32.00	34.00	36.00	40.00
Alabama.....	459	436	419	415	415	19.00	25.00	29.00	30.00	34.00
Mississippi.....	595	567	561	561	572	16.00	22.00	28.00	28.00	30.00
Arkansas.....	510	469	464	464	466	15.00	26.00	27.00	31.00	33.00
Louisiana.....	310	304	298	304	314	24.00	29.00	32.00	32.00	34.00
Oklahoma.....	798	766	728	713	720	18.00	31.00	30.00	37.00	42.00
Texas.....	1,388	1,388	1,402	1,444	1,458	19.00	29.00	31.00	34.00	36.00
South Central.....	5,264	5,086	4,982	5,005	5,052	19.22	29.16	31.15	33.91	36.81
Montana.....	206	187	172	150	155	26.00	45.00	41.00	49.00	57.00
Idaho.....	200	190	194	194	192	28.00	47.00	55.00	54.00	54.00
Wyoming.....	69	70	70	68	67	28.00	47.00	46.00	50.00	55.00
Colorado.....	270	248	253	245	243	25.00	42.00	46.00	46.00	48.00
New Mexico.....	75	76	76	70	76	27.00	45.00	43.00	38.00	42.00
Arizona.....	47	47	47	47	47	40.00	52.00	57.00	60.00	55.00
Utah.....	103	101	99	98	100	26.00	50.00	54.00	57.00	53.00
Nevada.....	21	21	21	20	21	37.00	58.00	60.00	63.00	65.00
Washington.....	345	335	328	335	345	37.00	50.00	62.00	66.00	55.00
Oregon.....	275	261	258	263	263	36.00	46.00	59.00	58.00	50.00
California.....	648	654	667	660	660	45.00	62.00	68.00	67.00	62.00
Western.....	2,259	2,190	2,185	2,150	2,169	34.89	51.36	57.69	58.79	55.32
United States.....	26,069	25,439	24,993	24,834	25,093	30.17	49.27	50.39	54.44	55.68

¹ Preliminary.

TABLE 512.—*Milk cows, heifers, and heifer calves: Number on farms, by States, Jan. 1, 1935-39—Continued*

State and division	Heifers 1 to 2 years old being kept for milk cows					Heifer calves under 1 year being kept for milk cows				
	1935	1936	1937	1938	1939 ¹	1935	1936	1937	1938	1939 ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	33	30	30	32	32	35	33	35	36	38
New Hampshire.....	17	15	16	17	18	16	17	18	18	19
Vermont.....	52	47	53	58	59	47	55	59	60	62
Massachusetts.....	22	21	21	21	21	21	21	22	22	23
Rhode Island.....	2	2	2	2	2	3	3	3	3	3
Connecticut.....	21	20	20	21	20	20	21	22	21	21
New York.....	244	234	259	274	279	238	263	282	282	305
New Jersey.....	19	18	19	19	20	18	20	20	21	22
Pennsylvania.....	173	168	177	181	183	175	186	186	183	208
North Atlantic.....	583	555	597	625	634	573	621	647	646	701
Ohio.....	200	192	211	194	208	205	226	214	218	233
Indiana.....	144	137	153	138	154	150	165	149	155	160
Illinois.....	221	200	220	214	230	208	214	275	292	305
Michigan.....	177	163	186	188	207	186	210	212	216	231
Wisconsin.....	376	348	402	410	424	366	430	442	439	466
East North Central.....	1,118	1,040	1,172	1,144	1,223	1,175	1,326	1,283	1,320	1,395
Minnesota.....	323	304	338	333	359	340	357	361	369	395
Iowa.....	275	270	281	280	278	280	286	290	278	295
Missouri.....	170	173	167	164	168	208	214	195	183	195
North Dakota.....	87	95	97	103	111	97	108	105	114	123
South Dakota.....	116	122	100	113	119	122	128	120	125	125
Nebraska.....	149	149	139	135	138	152	149	142	138	140
Kansas.....	149	149	138	128	138	165	152	137	138	142
West North Central.....	1,269	1,262	1,260	1,236	1,311	1,364	1,394	1,320	1,345	1,418
North Central.....	2,387	2,302	2,432	2,380	2,534	2,539	2,720	2,603	2,665	2,813
Delaware.....	5	5	5	6	5	6	6	6	5	5
Maryland.....	34	34	34	35	36	35	37	37	37	38
Virginia.....	68	68	71	70	74	70	74	71	74	78
West Virginia.....	43	41	41	38	40	41	42	38	43	45
North Carolina.....	73	69	66	62	69	85	85	78	80	88
South Carolina.....	41	40	40	37	41	43	42	42	42	43
Georgia.....	110	100	93	94	96	115	104	102	100	101
Florida.....	35	35	36	33	40	36	36	37	43	45
South Atlantic.....	409	392	386	375	401	431	426	411	424	443
Kentucky.....	90	93	91	85	98	95	93	88	98	100
Tennessee.....	97	87	89	85	96	98	103	96	101	108
Alabama.....	127	122	115	104	114	135	140	125	122	140
Mississippi.....	123	111	109	115	116	126	120	116	117	108
Arkansas.....	130	110	129	119	128	135	115	119	130	136
Louisiana.....	73	69	68	70	72	87	77	81	83	86
Oklahoma.....	192	174	165	143	164	229	211	193	175	182
Texas.....	260	260	265	268	270	270	273	278	282	262
South Central.....	1,092	1,026	1,031	989	1,058	1,175	1,132	1,096	1,108	1,122
Montana.....	43	39	26	27	27	47	43	32	33	35
Idaho.....	51	47	46	42	42	51	49	51	48	49
Wyoming.....	14	15	15	13	12	17	16	16	18	18
Colorado.....	57	52	53	48	50	64	60	62	55	54
New Mexico.....	18	19	16	16	17	17	16	16	18	18
Arizona.....	11	11	11	10	9	12	12	12	10	9
Utah.....	27	26	25	26	26	30	30	32	30	31
Nevada.....	6	6	6	6	6	7	7	7	7	7
Washington.....	76	78	82	81	83	75	78	81	83	85
Oregon.....	60	61	63	61	62	58	59	63	62	65
California.....	155	160	168	175	177	161	176	176	180	185
Western.....	518	514	511	505	511	539	540	548	544	556
United States.....	4,989	4,789	4,957	4,874	5,138	5,257	5,439	5,305	5,387	5,635

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 513.—*Milk cows: Average price per head received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Average
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1929.....	91.50	91.80	92.80	93.60	94.90	95.30	96.30	95.30	95.60	95.10	94.50	92.60	94.10
1930.....	89.20	85.00	81.00	80.70	79.50	77.60	71.80	65.90	66.20	66.40	64.70	62.00	74.20
1931.....	59.90	56.90	56.30	56.50	54.40	51.50	49.50	47.80	46.70	45.60	46.00	44.20	51.30
1932.....	42.10	40.60	39.40	39.30	37.30	36.10	36.40	36.20	35.90	34.40	33.20	32.40	37.00
1933.....	31.70	31.30	31.30	32.00	34.40	35.30	36.40	34.90	34.30	33.50	32.10	31.20	33.20
1934.....	31.00	32.50	33.00	33.30	33.30	32.50	32.20	30.60	32.70	32.90	33.10	33.60	32.60
1935.....	36.10	40.50	44.80	46.90	49.10	49.90	48.50	48.10	48.60	48.80	49.90	51.60	46.90
1936.....	52.60	52.80	52.80	53.60	53.00	53.90	52.30	51.10	51.90	52.50	52.60	53.10	52.70
1937.....	54.50	54.80	55.70	56.40	56.60	57.30	57.30	57.90	57.90	58.40	57.50	57.20	56.80
1938.....	56.80	57.00	56.90	57.00	56.50	56.80	56.70	55.90	55.80	56.30	57.00	57.70	56.70
1939.....	58.60	59.40	59.60	58.70	58.00	-----	-----	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics.

Monthly prices, by States, weighted by number of milk cows Jan. 1, to obtain a price for the United States; yearly price is a simple average of 12 months. Data for earlier years in February 1936 issued of Crops and Markets, p. 38.

TABLE 514.—*Average production, feed cost, and value per cow of butterfat and milk, classified on butterfat basis, 12-month records completed in 1937 by dairy herd-improvement associations, United States¹*

Class	Cows	Production			Feed cost			Value of product over feed cost	Return for \$1 spent for feed	Feed cost per pound of butterfat	Feed cost per 100 pounds of milk
		Butterfat ¹	Milk	Value	Roughage, including pasture	Grain					
						Total					
	Number	Pounds	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
0.....	28	0	0	0	39	12	51	-51			
1.....	35	16	424	9	31	8	39	-30	0.23	2.44	9.20
2.....	191	55	1,323	32	30	13	43	-11	.74	.78	3.25
3.....	877	106	2,642	59	32	16	48	11	1.23	.45	1.82
4.....	3,973	156	5,935	87	34	21	55	32	1.58	.35	1.40
5.....	12,225	204	8,166	113	37	26	63	50	1.79	.31	1.22
6.....	24,593	252	6,315	140	38	31	69	71	2.03	.27	1.09
7.....	32,094	300	7,417	167	40	37	77	90	2.17	.26	1.04
8.....	28,656	348	8,471	194	42	42	84	110	2.31	.24	.99
9.....	18,535	397	9,541	221	43	47	90	131	2.46	.23	.94
10.....	9,811	446	10,633	250	45	52	97	153	2.58	.22	.91
11.....	4,228	496	11,826	281	47	58	105	176	2.68	.21	.89
12.....	1,620	545	12,955	314	49	65	114	200	2.75	.21	.88
13.....	618	595	14,000	343	51	71	122	221	2.81	.21	.87
14.....	217	645	15,571	396	56	80	136	260	2.91	.21	.87
15.....	103	697	16,242	377	53	80	133	244	2.83	.19	.82
16.....	39	745	17,538	400	57	82	139	261	2.88	.19	.79
17.....	8	797	18,922	496	44	80	124	372	4.00	.16	.66
18.....	5	845	19,736	488	45	92	137	351	3.56	.16	.69
19.....											
20.....	2	946	21,348	303	52	142	194	109	1.56	.21	.91
Average.....		322	7,896	180	41	39	80	100	2.25	.25	1.02

¹ Tabulation includes the records of only those cows completing a full 12-month testing period. The average production of all cows in dairy herd-improvement associations in 1937, on a cow-year basis, was: Milk, 7,923 pounds; butterfat, 320 pounds; value of product, \$176; cost of roughage, \$41; cost of grain, \$38; total cost of feed, \$79; value of product over feed cost, \$97.

² Calculated averages of the class intervals. The first line includes cows producing no milk or butterfat; the second line those producing less than 25 pounds of butterfat; the third line those producing 25 to 74 pounds; the fourth line those producing 75 to 124 pounds, etc.

Bureau of Dairy Industry.

TABLE 515.—*Dairy herd-improvement and bull associations, United States, 1906-88*

July 1	Dairy herd-improvement associations	Cooperative dairy bull associations	July 1	Dairy herd-improvement associations	Cooperative dairy bull associations	January 1	Dairy herd-improvement associations	Cooperative dairy bull associations
Number	Number		Number	Number		Number	Number	
1906.....	1		1917.....	450	36	1929.....	1,090	339
1907.....	4		1918.....	353	44	1930.....	1,143	296
1908.....	6	3	1919.....	385	78	1931.....	1,112	359
1909.....	25	8	1920.....	408	123	1932.....	1,005	403
1910.....	40	9	1921.....	452	158	1933.....	881	342
1911.....	64	11	1922.....	513	190	1934.....	793	351
1912.....	82	11	1923.....	627	218	1935.....	809	300
1913.....	100	12	1925.....	732	220	1936.....	876	243
1914.....	163	14	1926.....	777	225	1937.....	992	160
1915.....	211	15	1927.....	837	248	1938.....	1,106	166
1916.....	346	24	1928.....	947	235			

¹ Reported as of Jan. 1.

Bureau of Dairy Industry.

TABLE 516.—*Purebred dairy cattle: Number registered each year, by breeds, United States, 1928-38*

Year	Ayrshire			Guernsey			Holstein-Friesian			Jersey		
	Bulls	Cows	Total	Bulls	Cows	Total	Bulls	Cows	Total	Bulls	Cows	Total
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1928.....	2,274	7,837	10,111	14,363	24,664	39,027	33,512	88,214	121,726	19,393	54,516	73,909
1929.....	2,586	8,833	11,419	14,661	26,288	40,949	35,438	89,927	125,365	19,230	52,431	71,661
1930.....	2,050	8,159	10,209	15,810	28,662	44,472	29,242	75,901	105,143	14,350	43,767	58,117
1931.....	1,552	7,324	8,876	12,880	27,964	40,844	21,811	70,535	92,346	10,262	38,211	48,473
1932.....	1,317	6,306	7,623	9,962	25,817	35,779	13,834	54,481	68,315	7,678	33,551	41,229
1933.....	1,430	7,542	8,972	7,185	22,809	29,994	15,521	83,002	98,523	6,217	29,239	35,456
1934.....	2,530	14,906	17,436	7,708	27,054	34,762	17,283	82,935	100,218	6,170	32,408	38,578
1935.....	2,501	11,353	13,854	10,755	34,282	45,037	15,236	61,649	76,885	7,853	40,369	48,222
1936.....	2,608	11,499	14,107	11,951	30,542	51,493	16,788	61,154	77,942	8,158	35,154	43,312
1937.....	2,496	11,607	14,103	12,244	38,068	50,312	16,689	62,421	79,110	8,436	35,246	43,682
1938.....	2,407	11,346	13,753	12,190	35,344	47,534	17,595	64,027	81,622	9,084	35,841	44,925

¹ Year ended Apr. 1.

Bureau of Dairy Industry; obtained from registry associations.

See 1930 Yearbook, table 441, for data for earlier years.

TABLE 517.—*Cattle: Tuberculin testing under accredited-herd and area plans, 1929-38*

Year ended June	Cattle tested					Herds accredited	Modified accredited counties ¹	
	Accredited-herd plan	Area plan	Total	Reactors found				
	Number	Number	Number	Number	Percent	Number	Number	Percent
1929.....	2,853,533	8,830,067	11,683,720	206,764	1.8	170,995	740	23.5
1930.....	2,953,350	9,892,521	12,845,871	216,932	1.7	182,858	976	31.0
1931.....	3,086,403	10,695,870	13,782,273	203,778	1.5	156,599	1,223	38.8
1932.....	3,131,426	10,312,131	13,443,557	254,785	1.9	174,648	1,443	45.8
1933.....	2,980,536	10,963,368	13,973,894	255,096	2.1	194,349	1,626	51.6
1934.....	2,826,267	12,293,506	15,119,763	232,568	1.5	225,809	1,815	57.6
1935.....	2,716,292	22,521,240	25,237,532	376,623	1.5	238,937	2,428	77.0
1936.....	2,193,015	20,725,023	22,918,038	165,496	.7	256,066	2,921	92.7
1937.....	2,274,337	11,475,971	13,750,308	94,104	.7	275,744	3,030	96.2
1938.....	2,598,868	11,510,003	14,108,871	89,359	.6	280,095	3,124	99.1

¹ Modified accredited counties are those in which tuberculosis does not exist among more than 0.5 percent of the cattle, as determined by official tuberculin testing, and from which all reactors to the test have been removed.

Bureau of Animal Industry.

Current data on tuberculosis-eradication work, including progress by States and counties, may be obtained from Bureau of Animal Industry. Data for earlier years in 1930 Yearbook, table 442.

TABLE 518.—Cattle: Summary of Bang's disease work in cooperation with States, 1934-38

Year	Agglutination blood tests completed		Results of agglutination blood tests					Herds under super- vision at end of year
	Herds	Cattle	Herds containing infection	Total cattle in infected herds	Reactors	Negative		
						Herds	Cattle	
1934 ¹	51, 136	944, 069	23, 761	576, 903	134, 388	27, 375	367, 166	53, 988
1935	367, 677	5, 382, 982	118, 244	2, 770, 613	483, 746	240, 433	2, 612, 369	317, 165
1936	585, 213	7, 690, 376	127, 818	3, 495, 096	433, 985	457, 395	4, 195, 280	595, 463
1937	614, 235	7, 679, 714	104, 873	3, 054, 848	342, 427	509, 362	4, 624, 866	829, 519
1938	725, 449	7, 956, 017	99, 665	2, 818, 208	281, 769	625, 784	5, 137, 809	1, 202, 195

¹ July to December, inclusive; work began about July 15, 1934.

Bureau of Animal Industry.

Current data on Bang's disease work, including progress by States and counties, may be obtained from the Bureau of Animal Industry.

TABLE 519.—Milk cows and production of milk: Estimated number of producing cows, yield per cow, and production of milk on farms, United States, 1924-38

Year	Milk cows on farms ¹	Milk production per cow ²	Total production of milk on farms ³	Year	Milk cows on farms ¹	Milk production per cow ²	Total production of milk on farms ³
	Thousands	Pounds	Million pounds		Thousands	Pounds	Million pounds
1924.....	21, 371	4, 074	87, 069	1932.....	24, 112	4, 307	103, 852
1925.....	21, 389	4, 132	88, 375	1933.....	25, 062	4, 180	104, 753
1926.....	21, 221	4, 330	91, 887	1934.....	25, 198	4, 029	101, 528
1927.....	21, 145	4, 460	94, 307	1935.....	24, 276	4, 178	101, 421
1928.....	21, 219	4, 520	95, 910	1936.....	23, 988	4, 301	103, 183
1929.....	21, 618	4, 578	98, 976	1937.....	23, 710	4, 350	103, 132
1930.....	22, 217	4, 510	100, 190	1938 ⁴	23, 706	4, 520	107, 155
1931.....	23, 105	4, 461	103, 064				

¹ A average number during year, heifers not freshened excluded. Includes allowances for seasonal variation and trend during the year.

² Excludes milk sucked by calves and milk produced by cows not on farms. To convert pounds to gallons divide by 8.6.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 520.—Milk cows and production of milk: Estimated number of producing cows, yield per cow, and production of milk, by States, 1936-38

State and division	Milk cows on farms ¹			Milk production per cow ²			Total production of milk on farms ³		
	1936	1937	1938 ³	1936	1937	1938 ³	1936	1937	1938 ³
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds
Maine.....	140	140	140	4,470	4,600	4,730	626	644	662
New Hampshire.....	76	74	74	4,900	4,800	4,800	372	355	355
Vermont.....	277	281	283	4,970	4,940	4,880	1,377	1,388	1,381
Massachusetts.....	135	137	137	5,790	5,840	5,850	782	800	801
Rhode Island.....	22	22	23	6,130	6,250	6,240	135	138	144
Connecticut.....	118	121	122	5,480	5,650	5,780	647	684	705
New York.....	1,296	1,320	1,340	5,546	5,600	5,540	7,188	7,392	7,424
New Jersey.....	134	136	137	6,430	6,450	6,500	862	877	890
Pennsylvania.....	870	870	873	5,230	5,240	5,300	4,550	4,559	4,627
North Atlantic.....	3,068	3,101	3,129	5,391	5,430	5,430	16,539	16,837	16,989
Ohio.....	1,010	1,000	1,000	4,420	4,500	4,570	4,464	4,500	4,570
Indiana.....	755	739	734	4,050	4,050	4,290	3,058	2,968	3,449
Illinois.....	1,102	1,080	1,075	4,400	4,550	4,750	4,849	4,914	5,106
Michigan.....	862	868	877	5,180	5,150	5,200	4,465	4,470	4,560
Wisconsin.....	2,060	2,065	2,081	5,630	5,610	5,700	11,598	11,378	11,862
East North Central.....	5,789	5,752	5,767	4,912	4,912	5,071	28,434	28,255	29,247
Minnesota.....	1,597	1,603	1,603	4,850	4,770	5,100	7,745	7,646	8,175
Iowa.....	1,433	1,400	1,386	4,280	4,280	4,650	6,133	5,992	6,445
Missouri.....	972	938	938	3,220	3,400	3,650	3,130	3,189	3,424
North Dakota.....	540	518	498	3,740	3,710	3,950	2,020	1,922	1,967
South Dakota.....	500	476	474	3,430	3,300	3,600	1,715	1,571	1,706
Nebraska.....	668	625	601	3,950	3,800	4,180	2,639	2,375	2,512
Kansas.....	805	749	729	3,640	3,760	4,150	2,930	2,809	3,025
West North Central.....	6,515	6,309	6,229	4,039	4,042	4,375	26,312	25,504	27,254
Delaware.....	33	33	33	4,050	3,980	4,140	134	131	137
Maryland.....	181	182	187	4,330	4,340	4,450	784	790	832
Virginia.....	390	390	395	3,420	3,580	3,650	1,334	1,396	1,442
West Virginia.....	240	237	238	3,420	3,500	3,570	821	830	850
North Carolina.....	368	361	362	3,620	3,750	3,880	1,332	1,354	1,405
South Carolina.....	172	164	162	3,320	3,500	3,540	671	574	573
Georgia.....	361	398	358	3,020	3,150	3,250	1,050	1,128	1,164
Florida.....	102	99	97	2,870	2,900	2,850	293	287	276
South Atlantic.....	1,847	1,824	1,832	3,443	3,558	3,646	6,359	6,490	6,679
Kentucky.....	554	532	524	3,330	3,540	3,730	1,845	1,883	1,955
Tennessee.....	540	534	542	3,240	3,380	3,520	1,750	1,805	1,908
Alabama.....	396	386	386	3,150	3,200	3,300	1,247	1,235	1,274
Mississippi.....	518	518	521	2,600	2,650	2,730	1,347	1,373	1,422
Arkansas.....	426	426	426	2,900	3,100	3,200	1,235	1,321	1,363
Louisiana.....	265	266	274	2,220	2,250	2,300	588	598	630
Oklahoma.....	705	677	677	3,100	3,440	3,680	2,186	2,329	2,491
Texas.....	1,294	1,322	1,349	3,100	3,150	3,270	4,011	4,164	4,411
South Central.....	4,698	4,661	4,699	3,024	3,156	3,289	14,209	14,708	15,454
Montana.....	166	153	143	3,910	4,210	4,550	649	644	651
Idaho.....	182	185	185	5,470	5,500	5,620	966	1,018	1,040
Wyoming.....	67	65	64	4,060	3,980	4,230	272	259	271
Colorado.....	235	235	230	4,270	4,150	4,450	1,003	975	1,024
New Mexico.....	71	72	70	3,480	3,500	3,650	247	252	256
Arizona.....	43	42	43	5,300	5,100	5,100	228	214	219
Utah.....	95	94	94	5,360	5,360	5,480	509	504	515
Nevada.....	20	20	20	5,400	5,500	5,650	108	110	113
Washington.....	316	316	323	6,080	6,030	6,030	1,921	1,905	1,948
Oregon.....	246	247	250	5,420	5,410	5,400	1,333	1,336	1,350
California.....	630	634	628	6,450	6,500	6,600	4,064	4,121	4,145
Western.....	2,071	2,063	2,050	5,471	5,496	5,625	11,330	11,338	11,532
United States.....	23,988	23,710	23,706	4,301	4,350	4,520	103,183	103,132	107,155

¹ Average number during year, heifers not freshened excluded. Includes allowances for seasonal variation and trend during the year.

² Excludes milk sucked by calves and milk produced by cows not on farms. To convert pounds to gallons divide by 8.6.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 521.—Milk and butterfat produced and milk used for each purpose on farms, 1937¹

State and division	Milk cows on farms ¹	Estimated production per milk cow during year ²			Percentage of butterfat in milk produced	Total production on farms ³		Disposition of milk					
		Milk	Butterfat	Milk		Butterfat	Used as whole milk or cream	Used for making butter	Whole milk fed to calves	Milk skimmed or separated for sale of butterfat	Retailed by producers ⁴	Milk sold at wholesale ⁵	
	Thousands	Lb.	Lb.	Percent	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
Maine.....	140	4,680	193	4.2	644	27	80	128	14	50	102	270	
New Hampshire.....	74	4,800	187	3.9	355	14	32	22	8	41	244		
Vermont.....	281	4,940	203	4.1	1,388	57	64	27	32	64	55	1,146	
Massachusetts.....	137	5,840	228	3.9	800	31	55	12	16	15	144	558	
Rhode Island.....	22	6,250	241	3.85	138	5	6	1	3	1	13	114	
Connecticut.....	121	5,650	220	3.9	684	27	50	12	16	6	116	484	
New York.....	1,320	5,600	210	3.75	7,392	277	389	194	259	170	581	5,799	
New Jersey.....	136	6,450	237	3.68	877	32	40	11	18	2	175	622	
Pennsylvania.....	870	5,240	190	3.8	4,559	173	432	254	109	150	712	2,902	
North Atlantic.....	3,101	5,430	207.4	3.82	16,837	643	1,157	661	475	466	1,939	12,139	
Ohio.....	1,000	4,500	184	4.1	4,500	184	556	254	130	1,048	398	2,114	
Indiana.....	739	4,050	168	4.15	2,993	124	421	138	78	955	209	1,192	
Illinois.....	1,080	4,550	173	3.8	4,914	187	566	264	128	1,270	401	2,285	
Michigan.....	868	5,150	196	3.8	4,470	170	402	208	156	1,512	312	1,880	
Wisconsin.....	2,065	5,510	201	3.65	11,378	415	553	43	341	2,182	217	8,042	
East North Central.....	5,752	4,912	187.8	3.82	28,255	1,080	2,498	907	833	6,967	1,537	15,513	
Minnesota.....	1,603	4,770	179	3.75	7,646	287	576	181	222	5,560	182	925	
Iowa.....	1,400	4,280	163	3.8	5,992	228	561	238	168	4,219	167	639	
Missouri.....	938	3,400	143	4.2	3,189	134	550	368	80	1,476	183	532	
North Dakota.....	518	3,710	139	3.75	1,922	72	202	261	63	1,290	62	44	
South Dakota.....	476	3,300	125	3.8	1,571	60	172	151	50	1,095	38	45	
Nebraska.....	625	3,800	144	3.8	2,375	90	319	246	88	1,380	117	225	
Kansas.....	749	3,750	146	3.9	2,809	110	384	243	98	1,576	172	336	
West North Central.....	6,309	4,042	155.5	3.85	25,504	981	2,764	1,688	769	16,596	941	2,746	
Delaware.....	33	3,980	155	3.9	131	5	18	7	3	2	19	82	
Maryland.....	182	4,240	171	3.95	790	31	92	60	16	20	102	500	
Virginia.....	390	3,580	147	4.1	1,396	57	362	437	39	154	110	294	
West Virginia.....	237	3,500	147	4.2	830	35	250	220	27	110	114	109	
North Carolina.....	361	3,750	161	4.3	1,354	58	445	591	19	55	98	146	
South Carolina.....	164	3,500	154	4.4	574	25	189	218	7	21	70	69	
Georgia.....	358	3,150	139	4.4	1,128	50	297	542	11	80	94	104	
Florida.....	99	2,900	125	4.3	287	12	58	42	3	6	74	104	
South Atlantic.....	1,824	3,558	149.7	4.21	6,490	273	1,711	2,117	125	448	681	1,408	
Kentucky.....	532	3,540	152	4.3	1,883	81	511	419	32	458	142	321	
Tennessee.....	534	3,380	149	4.4	1,805	79	387	647	25	263	81	402	
Alabama.....	386	3,200	142	4.45	1,235	55	319	675	10	46	64	121	
Mississippi.....	518	2,650	119	4.5	1,373	62	296	485	11	195	52	334	
Arkansas.....	426	2,100	133	4.3	1,321	57	329	510	12	274	79	117	
Louisiana.....	296	2,250	99	4.4	898	26	232	130	6	33	69	128	
Oklahoma.....	677	3,440	146	4.25	2,329	99	463	408	51	930	163	314	
Texas.....	1,322	3,150	139	4.4	4,164	183	983	1,064	58	960	304	775	
South Central.....	4,661	3,156	137.7	4.36	14,708	642	3,520	4,358	205	3,159	954	2,512	

See footnotes at end of table.

TABLE 521.—Milk and butterfat produced and milk used for each purpose on farms, 1937—Continued ¹

State and division	Milk cows on farms ¹	Estimated production per milk cow during year ²			Per- centage of butter- fat in milk pro- duced	Total pro- duction on farms ²		Disposition of milk					
		Milk	But- ter- fat	Mil- lion pounds		Mil- lion pounds	Used as whole milk or cream	Used for mak- ing butter	Whole milk fed to calves	Milk skim- med or sepa- rated for sale of butter- fat	Re- tail- ed by pro- duc- ers ⁴	Milk sold at whole- sale ⁵	
	Thou- sands	Lb.	Lb.	Percent	mil- lion pounds	mil- lion pounds	mil- lion pounds	mil- lion pounds	mil- lion pounds	mil- lion pounds	mil- lion pounds	mil- lion pounds	
Montana.....	153	4,210	164	3.9	644	25	70	86	22	312	64	81	
Idaho.....	185	5,500	217	3.95	1,018	40	114	55	26	481	40	302	
Wyoming.....	65	3,980	153	3.85	259	10	34	30	8	121	24	42	
Colorado.....	235	4,150	158	3.8	975	37	133	81	38	409	70	244	
New Mexico.....	72	3,500	140	4.0	252	10	48	31	5	107	35	26	
Arizona.....	42	5,100	196	3.85	214	8	26	16	5	40	40	87	
Utah.....	94	5,300	204	3.8	504	19	77	37	18	111	54	230	
Nevada.....	20	5,500	209	3.8	110	4	7	4	4	71	14	10	
Washington.....	316	6,030	244	4.05	1,905	77	167	97	63	596	145	837	
Oregon.....	247	5,410	233	4.3	1,336	57	130	49	45	522	89	501	
California.....	634	6,500	247	3.8	4,121	157	210	61	124	770	424	2,532	
Western.....	2,063	5,406	215.2	3.92	11,338	444	1,025	547	355	3,540	979	4,892	
United States.....	23,710	4,350	171.4	3.94	103,132	4,063	12,675	10,278	2,762	31,176	7,031	39,210	

¹ Preliminary.² Estimated average number during year, heifers not freshened excluded. Includes allowances for seasonal variation and trend during the year.³ Excludes milk sucked by calves and milk produced by cows not on farms.⁴ Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Estimates include milk equivalent of cream.⁵ Estimates include milk delivered to creameries, condensaries, cheese factories, and market-milk receiving stations, but exclude market milk sold to other farmers for local delivery.

Bureau of Agricultural Economics.

TABLE 522.—Sales of milk and milk products from farms, value of sales, gross income of farmers from dairy products, and farm value of milk produced, by States, 1937

State	Cash income from sales													Gross income	Farm value		
	Milk retailed by farmers			Wholesale milk			Butterfat			Farm butter			Four products combined				
	Quantity sold	Price per quart sales	Value of sales	Quantity sold	Price per pound sales	Value of sales	Quantity sold	Price per pound sales	Value of sales	Quantity sold	Price per pound sales	Value of sales	Equivalent price			Value of sales	
													Per 100 pounds of milk				Per pound of butterfat
	1,000 quarts	1,000 dollars	1,000 pounds	1,000 pounds	1,000 dollars	1,000 pounds	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	Dollars	Cents	1,000 dollars	
Maine	47,442	10.2	4,839	270	2.00	5,400	2,100	37	777	4,000	35	502	12,416	2.47	69	16,361	
New Hampshire	19,070	10.6	2,021	244	2.00	4,880	330	37	122	690	35	231	7,254	2.37	61	8,414	
Vermont	28,871	11.5	3,320	380	2.15	8,170	385	38	1,226	600	35	305	8,228	2.37	61	9,554	
Massachusetts	28,877	12.4	3,595	558	2.75	15,535	2,620	38	1,236	300	36	108	22,994	3.32	85	26,029	
Rhode Island	6,947	12.5	8,695	114	2.85	3,249	40	38	135	300	36	128	3,847	3.32	85	4,422	
Connecticut	53,933	12.6	6,798	484	2.80	13,552	230	37	85	240	36	86	20,521	3.36	62	22,445	
New York	270,233	10.6	28,645	5,799	1.90	113,690	6,100	38	2,013	5,930	36	611	146,136	2.19	58	156,213	
New Jersey	81,395	13.3	10,826	622	2.73	16,981	70	38	27	200	38	76	27,910	3.48	98	30,520	
Pennsylvania	331,463	11.0	36,428	2,902	2.12	63,844	5,680	34	1,931	7,000	34	3,380	27,910	2.67	70	31,725	
North Atlantic	901,861	11.2	101,023	12,139	2.12	255,967	18,000	34.9	6,281	18,440	35.1	6,405	14,940	2.48	64.9	170,735	
Ohio	185,116	10.6	19,622	2,114	2.05	43,938	42,020	32	13,446	4,900	33	1,465	3,650	2.13	52	77,890	
Indiana	97,209	10.2	9,915	1,192	2.05	24,336	39,160	32	13,517	2,000	34	680	2,395	1.94	48	47,562	
Illinois	186,612	10.6	19,631	2,285	1.90	43,415	47,240	32	15,131	3,400	33	1,122	4,029	1.94	51	78,305	
Michigan	145,116	9.9	14,366	1,880	1.95	36,660	55,190	35	19,316	3,100	35	1,085	3,773	1.89	50	71,427	
Wisconsin	100,930	8.9	8,983	8,042	1.69	127,668	80,080	38	30,430	900	34	170	10,452	1.60	44	167,451	
East North Central	714,883	10.0	71,537	15,513	1.78	275,716	203,690	34.5	90,840	13,900	33.6	4,542	24,299	1.82	47.6	442,635	
																502,064	
																418,157	
																93,081	
																77,890	
																47,562	
																88,008	
																1.94	
																48	
																51	
																78,305	
																92,488	
																71,427	
																81,535	
																185,048	

Minnesota.....	84,651	9.0	7,619	925	1,800	16,650	202,380	35	70,833	650	35	228	5,087	1.43	38	95,330	106,163	109,338
Iowa.....	77,674	9.3	7,224	639	1,900	15,420	154,420	35	54,047	1,000	35	240	5,087	1.41	38	85,030	85,030	87,483
Missouri.....	85,116	9.3	7,916	532	1,950	10,374	66,310	31	17,580	2,600	31	806	2,418	1.41	34	90,908	92,300	95,300
North Dakota.....	28,837	9.2	2,695	44	2,05	9,02	46,310	31	14,355	950	31	314	1,418	1.28	34	18,167	18,167	20,580
South Dakota.....	29,977	9.2	2,482	45	1,800	8,10	39,860	31	12,357	400	34	136	1,207	1.31	34	15,785	16,923	20,580
Nebraska.....	34,919	9.2	5,007	225	1,900	4,275	49,860	31	15,488	950	33	134	1,743	1.44	38	25,084	26,923	34,200
Kansas.....	80,000	9.3	7,060	336	1,900	6,384	57,520	31	17,851	1,500	33	495	2,117	1.53	30	32,310	41,478	42,978
West North Central.....	437,674	9.2	40,443	2,746	1,88	51,536	600,050	33.2	202,402	8,050	32.7	2,633	20,457	1.45	37.7	297,104	360,312	371,481
Delaware.....	8,837	10.5	928	82	2,25	1,845	70	35	24	150	32	48	106	2.68	60	2,845	3,400	3,511
Maryland.....	47,442	10.5	4,981	500	2,45	12,220	760	35	266	1,600	29	435	654	2.74	60	17,639	17,639	20,580
West Virginia.....	51,163	10.2	5,219	294	2,75	8,085	5,010	30	1,773	5,400	23	1,242	670	2.44	60	16,319	33,111	34,062
North Carolina.....	43,585	10.5	3,667	109	2,20	2,388	4,330	31	1,342	2,650	26	1,089	386	2.59	62	9,906	20,798	21,497
South Carolina.....	32,553	11.2	3,446	146	2,90	4,234	2,170	31	1,629	6,600	25	1,650	428	2.80	65	11,983	37,380	37,912
Georgia.....	43,721	11.2	4,484	180	2,70	2,868	3,270	30	238	1,800	27	1,486	104	3.23	73	6,268	18,314	18,540
Florida.....	34,419	14.5	4,991	104	3,30	3,432	2,240	30	972	5,400	25	1,350	381	2.64	60	10,058	29,489	29,779
South Atlantic.....	316,744	11.3	35,786	1,408	2.62	36,950	17,600	29.9	5,260	23,930	25.2	6,033	3,011	4.49	104	8,628	12,752	12,856
Kentucky.....	90,047	9.8	6,274	321	2.00	6,420	18,640	30	5,592	2,300	27	621	966	1.96	45	18,907	36,290	36,907
Tennessee.....	29,754	10.8	3,632	422	2.20	8,844	10,730	30	3,219	6,000	22	1,320	863	1.98	45	17,075	35,244	35,739
Alabama.....	29,767	10.8	3,632	422	2.20	8,844	10,730	30	3,219	6,000	22	1,320	863	1.98	45	17,075	35,244	35,739
Mississippi.....	24,186	10.1	2,443	334	2.00	2,340	17,740	30	2,355	2,900	24	1,104	317	2.39	54	7,574	29,278	29,516
Arkansas.....	36,744	10.2	3,748	117	2.00	2,880	17,740	30	2,355	2,900	24	1,104	317	1.96	44	12,110	26,695	26,911
Louisiana.....	32,063	10.2	3,273	128	2.25	2,880	17,740	30	2,355	2,900	24	1,104	317	1.96	44	12,110	26,695	26,911
Oklahoma.....	75,814	9.7	7,354	314	1.80	5,652	37,110	30	11,133	2,800	32	896	1,464	2.71	40	6,731	16,438	16,694
Texas.....	141,305	10.3	14,564	775	2.30	17,825	37,110	29	11,165	10,300	29	2,987	2,240	2.08	47	46,541	85,404	86,611
South Central.....	443,720	10.0	44,503	2,512	2.13	53,424	126,960	29.7	37,701	30,950	28.9	8,327	7,227	1.99	45.6	143,955	293,578	297,629
Montana.....	29,767	10.4	3,096	81	2.15	1,742	11,640	33	3,841	700	35	245	472	1.89	48	8,924	11,756	12,132
Wyoming.....	18,905	9.0	1,674	302	1.65	4,302	16,330	34	6,232	420	35	147	832	1.57	40	13,036	12,577	12,982
Colorado.....	21,163	10.7	1,194	42	1.75	7,35	4,490	32	1,437	180	35	63	191	1.80	47	3,429	4,518	4,662
New Mexico.....	16,279	11.5	3,272	84	1.65	4,514	14,760	31	4,576	470	34	160	734	1.69	44	12,376	15,835	16,478
Arizona.....	18,605	11.2	2,694	87	2.05	1,690	4,000	32	1,299	290	34	68	172	2.26	56	3,889	5,852	5,665
Utah.....	15,814	8.3	1,313	230	1.60	3,680	4,120	36	1,465	280	37	114	381	1.73	46	4,354	5,550	5,478
Nevada.....	6,512	8.5	7,054	10	1.75	1,175	2,610	36	940	30	37	114	381	1.73	46	4,354	5,550	5,478
Washington.....	67,442	10.4	7,014	837	1.80	15,066	23,300	34	7,922	800	35	280	1,665	1.90	47	30,680	8,400	8,719
Oregon.....	41,365	10.7	4,429	501	1.90	9,519	22,930	35	7,763	220	35	77	1,116	2.32	61	21,798	34,165	34,165
California.....	197,209	11.5	22,679	2,532	2.10	53,172	29,030	37	10,741	350	35	122	3,734	2.32	61	86,714	92,730	95,607
Western.....	455,349	10.8	49,035	4,892	1.96	95,932	136,020	34.4	46,759	3,800	34.9	1,326	9,493	2.03	51.8	163,032	221,852	226,966
United States.....	3,270,231	10.5	342,327	390,210	1.97	770,524	1,171,220	33.2	386,333	96,670	29.7	20,326	70,427	1.93	49.0	1,531,510	1,960,922	2,013,340

¹ Milk sold at wholesale and retail plus milk skimmed for sale as butterfat and milk equivalent of farm butter sold.

² Value of sales of 4 products combined plus value of milk, cream, and farm butter consumed on farms where produced.

³ Gross income, plus value of milk fed to calves.

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TABLE 523.—*Dairy products: Annual per capita consumption in continental United States, 1924-37*

Year	Butter ¹	Cheese ²	Evapo- rated milk (case goods un- skimmed)	Condensed milk (case goods un- skimmed)	Ice cream (commer- cial) ³	Milk used in cities and vil- lages ⁴	All dairy products, milk equiv- alent ⁵
	Pounds	Pounds	Pounds	Pounds	Gallons	Gallons	Gallons
1924.....	18.1	4.6	9.6	1.1	1.7	38.6	91.7
1925.....	17.7	4.7	9.3	1.1	2.0	38.9	92.2
1926.....	17.5	4.7	9.7	1.0	2.0	39.3	94.6
1927.....	17.5	4.5	9.5	1.0	2.0	39.7	94.4
1928.....	17.2	4.5	10.3	.9	2.0	39.8	94.2
1929.....	17.4	4.6	11.2	.8	2.1	40.8	94.5
1930.....	17.3	4.6	11.3	.8	2.0	40.1	95.1
1931.....	18.1	4.5	11.5	.7	1.7	39.0	97.6
1932.....	18.3	4.4	12.4	.5	1.2	39.1	96.9
1933.....	17.9	4.5	12.4	.4	1.2	38.6	94.8
1934.....	18.3	4.8	13.5	.4	1.4	36.1	94.8
1935.....	17.3	5.2	14.6	.4	1.6	37.0	93.5
1936.....	16.6	5.4	14.1	.4	1.9	38.2	93.0
1937.....	16.7	5.5	14.9	.3	2.2	(⁶)	94.0

¹ Includes both farm- and factory-made butter. These estimates include some butter used in other products, such as ice cream.

² Includes all kinds of cheese except cottage, pot, and bakers'.

³ Per capita production. Production of ice cream in 1937 not strictly comparable with preceding years, because of the inclusion of production of small retailers and counter freezers not previously included.

⁴ Milk and the milk equivalent of cream consumed per capita by that part of the population not on rural farms. These estimates include some milk and cream used in such products as ice cream and supersede estimates previously issued.

⁵ Based on estimates of milk production on farms and elsewhere, with milk fed to calves deducted in calculating per capita consumption.

⁶ Not available.

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TABLE 524.—*Dairy products: Quantities manufactured, 1930-37*

Product	1930	1931	1932	1933	1934	1935	1936	1937
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Creamery butter.....	1,595,231	1,667,452	1,694,132	1,762,688	1,694,708	1,632,380	1,629,407	1,623,971
Whey butter (made from whey cream).....	2,516	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Renovated or process butter. American cheese:	1,850	1,236	950	1,079	1,548	2,016	2,456	2,715
Whole milk.....	378,816	374,648	370,743	408,631	435,491	468,999	487,576	492,041
Part skim.....	3,653	3,108	3,319	6,338	5,550	6,564	5,514	4,794
Full skim.....	660	416	225	680	100	225	277	172
Swiss cheese (including block).....	26,393	28,234	25,533	40,287	39,449	42,622	40,078	41,504
Brick and Munster cheese....	33,548	35,484	36,973	36,057	38,447	37,522	38,081	35,643
Limburger cheese.....	8,473	8,508	7,597	9,469	9,425	9,535	11,982	8,165
Cream and Neuchâtel cheese.....	33,213	33,637	31,608	33,438	40,458	38,971	40,448	43,987
All Italian varieties of cheese..	8,573	3,493	3,795	4,759	5,517	10,628	11,361	13,520
All other varieties of cheese....	7,029	4,851	4,010	4,076	4,676	5,890	7,234	9,171
Cottage, pot, and bakers' cheese.....	97,641	101,617	103,524	100,854	103,195	109,579	120,050	132,355
Condensed milk (sweetened):								
Case goods:								
Skimmed.....	2,092	1,757	1,167	1,260	1,696	1,825	1,702	2,150
Unskimmed.....	121,626	97,469	70,288	53,880	60,652	52,985	47,361	47,446
Bulk goods:								
Skimmed.....	158,971	140,361	120,923	114,936	120,365	133,417	155,640	154,755
Unskimmed.....	62,421	45,887	42,628	40,964	43,383	36,907	49,618	48,293
Unsweetened condensed milk plain condensed): ¹								
Bulk goods:								
Skimmed.....	156,212	145,416	138,646	127,197	140,913	164,372	190,404	219,378
Unskimmed.....	128,203	110,038	96,052	86,992	92,414	102,833	129,601	133,124
Evaporated milk (unsweet- ened): Case goods:								
Skimmed.....	1,650	86						
Unskimmed.....	1,449,149	1,428,993	1,570,612	1,716,700	1,711,570	1,838,890	2,043,759	1,902,545
Condensed or evaporated buttermilk.....	96,431	64,619	52,167	50,175	65,659	70,543	89,585	87,855
Dried or powdered butter- milk.....	64,601	50,535	48,712	53,260	53,636	49,823	50,781	53,141
Powdered whole milk.....	15,440	12,627	11,983	13,026	15,869	19,432	18,180	13,676
Powdered skim milk.....	260,675	261,938	270,194	288,114	294,935	297,506	349,550	372,203
Powdered cream.....	400	161	80	154	65	44	178	79
Dried casein (skim milk or buttermilk product).....	41,965	35,335	24,428	24,087	37,331	37,638	46,140	67,467
Malted milk.....	22,691	19,197	13,215	12,430	13,569	15,485	18,495	19,785
Milk sugar (crude).....	12,779	9,562						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Ice cream of all kinds ⁴	240,750	208,239	154,604	148,913	179,594	199,385	243,551	280,901

¹ Included in creamery butter.² Cream cheese only.³ Unsweetened condensed milk (plain condensed) was classified as "Evaporated milk (unsweetened) bulk goods" in previous years.⁴ Production in commercial ice-cream factories.⁵ Includes approximately 1,249 counter freezers and other small retailers, with a combined production of about 5,395,000 gallons in the States of New York, New Jersey, Georgia, Minnesota, and Idaho. Also includes some such plants in other States whose production is not separable. Very little of the ice cream made by these units in 1936 was reported in the survey for that year. The reported production of ice cream in 1937, therefore, is not strictly comparable with that reported for 1936.

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Figures beginning with the year 1929 are the most complete since these reports were inaugurated in 1918. Some allowance, therefore, should be made for this when comparing production since 1929 with that of previous years, as shown in earlier annual reports.

TABLE 525.—*Dairy products: Quantities manufactured, 1937*

Product	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Creamery butter	107,957	102,963	121,074	131,396	181,700	198,101	171,687	147,059	128,266	118,878	103,242	111,548	1,623,971
Renovated or process butter	283	238	293	237	200	228	171,186	186	220	207	184	253	2,715
American cheese:													
Whole milk	28,515	27,765	32,292	39,081	56,268	64,454	55,706	48,824	42,701	38,875	30,209	27,401	492,041
Part skim	23,313	23,313	23,313	23,313	23,313	23,313	23,313	23,313	23,313	23,313	23,313	23,313	274,172
Full skim	17	28	15	36	25	694	8	3	19	430	350	378	4,172
Swiss cheese (including block)	1,918	1,870	2,572	3,534	5,539	6,078	5,131	4,179	3,509	3,186	2,178	1,810	41,504
Full cream	736	656	795	693	722	613	515	400	420	565	647	638	7,450
Brick cheese	2,220	2,191	2,557	2,670	3,106	3,237	2,582	1,918	1,689	1,906	1,985	2,137	28,193
Limburger cheese	614	531	557	480	899	1,120	882	643	638	589	589	555	8,165
All Italian varieties of cheese	1,321	1,079	1,321	1,079	1,291	1,376	1,127	1,069	1,088	1,078	1,100	1,236	13,520
Swiss Emmentaler	3,768	4,065	4,538	3,768	4,044	3,924	3,429	3,195	3,124	3,492	3,534	3,188	43,987
Swiss Gruyere	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	13,111
Gotland, pot and baked cheese	9,328	10,990	12,450	11,670	12,580	12,280	11,928	11,122	10,528	10,686	9,773	9,620	132,355
Sweetened condensed milk:													
Case goods:													
Skimmed	291	149	210	140	203	54	279	109	174	221	129	191	2,150
Unskimmed	4,208	3,563	3,491	3,612	4,702	4,354	3,977	3,888	3,875	4,200	3,341	4,205	47,440
Bulk goods:													
Skimmed	10,295	9,273	12,033	13,932	20,818	20,223	13,820	11,844	11,918	9,595	9,093	11,911	154,755
Unskimmed	4,071	2,776	3,459	4,137	6,256	5,683	4,467	4,018	3,886	4,128	2,415	2,962	48,293
Unsweetened condensed milk (plain condensed):													
Bulk goods:													
Skimmed	14,807	12,895	14,553	17,101	23,593	24,745	27,162	25,170	18,909	14,773	13,101	12,569	219,378
Unskimmed	9,125	8,141	11,150	11,466	14,451	15,985	15,911	14,106	11,099	8,585	6,857	6,709	139,124
Evaporated milk (unsweetened):													
Case goods:													
Skimmed	119,152	126,509	153,290	184,890	239,136	252,535	205,732	162,506	138,376	124,126	92,322	104,012	1,902,545
Unskimmed	897	883	992	1,305	1,420	1,268	604	643	684	461	375	586	10,060
Concentrated milk (for animal feed):													
Condensed or evaporated buttermilk (including concentrated product)	5,752	5,202	6,619	7,488	9,467	11,042	9,788	7,897	7,865	6,408	5,049	5,288	87,855
Dry or powdered buttermilk	3,737	3,688	4,179	4,957	6,298	6,669	5,008	4,205	3,594	3,867	3,339	4,130	53,141
Dry or powdered whole milk	824	538	915	939	991	1,452	1,144	819	1,789	1,824	1,151	1,260	13,076

TABLE 526.—Milk: Production and utilization, 1924-37

Item	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Milk production:														
By cows on farms.....	87,069	88,375	91,887	94,307	95,910	98,976	100,180	103,064	105,853	104,753	101,628	101,421	103,183	103,132
By cows not on farms.....	4,420	4,241	4,079	3,846	3,524	3,145	2,826	2,826	2,826	1,2,826	1,2,826	1,2,826	1,2,826	1,2,826
Total	91,489	92,616	95,966	98,153	99,434	102,121	103,016	105,890	108,679	107,579	104,354	104,247	106,009	105,958
Utilization (milk equivalent):														
Manufacturing:														
Farm butter ¹	13,100	11,449	10,007	10,432	10,745	11,047	10,659	11,110	11,962	11,924	11,343	11,181	10,597	10,278
Creamery butter (total).....	29,259	29,593	31,229	31,801	31,243	32,517	32,516	33,905	34,386	35,813	34,424	33,100	33,096	32,927
Butter from whey cream.....	28,333	28,351	30,337	31,319	30,341	32,342	32,344	33,348	34,340	35,342	34,006	32,635	32,647	32,474
Creamery butter, net.....	28,926	29,242	30,892	31,482	30,902	32,175	32,162	33,557	34,046	35,431	34,018	32,665	32,647	32,474
Cheese, total.....	4,749	5,002	4,798	4,544	4,965	4,894	5,061	4,975	4,883	5,460	5,826	6,257	6,583	6,999
Other than American.....	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Other than American.....	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Evaporated milk (case).....	2,558	2,585	2,491	2,739	2,875	3,223	3,113	3,072	3,277	3,694	3,677	3,947	4,385	4,065
Unsweetened condensed (bulk).....	2,202	2,277	2,121	2,247	2,118	2,218	2,297	2,131	2,235	2,313	2,296	2,280	2,316	2,316
Sweetened condensed (case).....	412	411	341	355	306	321	297	213	155	119	134	117	104	105
Sweetened condensed (bulk).....	103	97	121	86	84	112	136	96	92	89	94	80	108	104
Ice cream (total).....	2,722	3,213	3,226	3,399	3,480	3,809	3,602	3,130	2,326	2,226	2,080	2,973	3,629	4,186
Fat from butter and concentrated milk.....	581	662	665	701	717	763	722	651	486	475	577	680	754	869
Ice cream, net (from milk and cream).....	2,161	2,551	2,561	2,698	2,763	3,046	2,880	2,479	1,840	1,751	2,103	2,343	2,875	3,317
Dried or powdered whole milk.....	60	68	82	87	73	101	118	96	91	97	121	156	137	103
Dried or powdered cream.....	20	7	6	7	13	6	8	3	1	3	1	1	1	2
Malted milk.....	42	48	55	59	56	61	60	51	35	33	36	42	50	53
Total for manufacture, excluding farm butter.....	39,233	40,288	41,559	42,304	42,155	44,311	44,117	44,814	44,755	46,899	46,236	45,838	47,071	47,032
Total for manufacture, including farm butter.....	52,333	51,737	51,566	52,736	52,900	55,358	54,746	55,924	56,717	58,823	57,579	57,019	57,698	57,310
Consumed as fluid milk or cream:														
In cities and villages.....	27,981	28,790	29,559	30,272	31,063	32,152	32,066	31,403	31,962	31,281	29,514	30,564	31,848	(³)
On farms where produced ¹	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
On farms where produced ¹	2,177	2,862	2,554	2,744	2,887	3,012	2,997	2,997	2,997	2,997	2,997	2,997	2,997	2,997
All other uses and to balance.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)

¹ Assumed to be same as in 1930.² Preliminary prior to 1934.³ Not available.

Bureau of Agricultural Economics.

TABLE 527.—Milk: Percentage of total production utilized for specified purposes, 1924-37

Item	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Manufacturing:														
Farm butter.....	14.32	12.36	10.43	10.63	10.81	10.82	10.32	10.49	11.21	11.08	10.87	10.72	10.00	9.70
Creamery butter (total).....	31.98	31.95	32.54	32.40	31.42	31.84	31.56	32.02	32.23	33.29	32.99	31.75	31.22	31.08
Butter from whey cream.....	3.36	3.38	2.5	3.3	3.4	3.3	3.4	3.3	3.2	3.5	3.9	4.2	4.2	4.3
Creamery butter, net.....	31.62	31.57	32.19	32.07	31.08	31.51	31.22	31.69	31.91	32.94	32.60	31.33	30.80	30.65
Cheese, total.....	5.19	5.40	5.00	4.63	4.89	4.79	4.91	4.70	4.58	5.08	5.08	5.98	6.08	6.12
Cheddar.....	(¹)	(¹)	(¹)	(¹)	(¹)	3.75	3.79	3.64	3.69	3.91	3.28	4.28	4.32	4.32
Other than American.....	(¹)	(¹)	(¹)	(¹)	(¹)	3.75	3.79	3.64	3.69	3.91	3.28	4.28	4.32	4.32
Other than American.....	(¹)	(¹)	(¹)	(¹)	(¹)	3.75	3.79	3.64	3.69	3.91	3.28	4.28	4.32	4.32
Evaporated milk (case).....	2.80	2.79	2.59	2.79	2.89	3.16	3.02	2.96	3.17	3.43	3.52	3.79	4.14	3.83
Unsweetened condensed (bulk).....	2.22	3.0	2.22	2.25	2.22	3.16	3.02	2.96	3.17	3.43	3.52	3.79	4.14	3.83
Sweetened condensed (case).....	.45	.44	.35	.36	.31	.31	.26	.20	.14	.11	.13	.11	.10	.10
Sweetened condensed (bulk).....	.11	.11	.13	.09	.08	.11	.13	.09	.09	.08	.09	.08	.10	.10
Ice cream, total.....	2.97	3.47	3.36	3.46	3.50	3.73	3.50	2.96	2.18	2.07	2.57	2.85	3.42	3.95
Fat from butter and concentrated milk.....	.61	.71	.69	.71	.72	.75	.70	.62	.46	.44	.55	.90	.71	.82
Ice cream, net (from milk and cream).....	2.36	2.76	2.67	2.75	2.78	2.98	2.80	2.34	1.72	1.63	2.02	2.25	2.71	3.13
Dried skim milk.....	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Dried or powdered cream.....	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
Malted milk.....	.05	.05	.06	.06	.06	.06	.06	.05	.03	.03	.03	.04	.05	.05
Total for manufacture, excluding farm butter.....	42.88	43.50	43.30	43.10	42.39	43.39	42.52	42.32	41.96	43.59	44.31	43.97	44.41	44.39
Total for manufacture, including farm butter.....	57.20	55.86	53.73	53.73	53.20	54.21	53.14	52.81	53.16	54.67	55.18	54.69	54.41	54.09
Consumed as fluid milk or cream:														
In cities and villages.....	30.58	31.05	30.80	30.84	31.24	31.48	31.12	29.66	29.59	29.08	28.28	29.32	30.04	(¹)
On farms where produced.....	(¹)	(¹)	(¹)	(¹)	(¹)	10.73	10.88	11.25	11.77	11.92	12.24	12.13	11.81	11.96
Fed to calves.....	2.38	2.44	2.66	2.80	2.90	2.95	2.80	2.83	2.68	2.66	2.86	2.58	2.63	2.61
All other uses and to balance.....	(¹)	(¹)	(¹)	(¹)	(¹)	.63	1.95	3.45	2.80	1.67	1.72	1.28	1.11	(¹)

1 Not available.

Bureau of Agricultural Economics.

1 Less than 6.005 percent.

TABLE 528.—Milk production, foreign trade, stocks, and consumption of all dairy products combined on a milk equivalent basis, United States, 1924-37

Item	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Supply:														
Milk produced—														
By cows on farms.....	87,069	88,375	91,887	94,307	95,910	98,976	100,190	103,064	103,852	104,753	101,528	101,421	103,183	103,132
By cows not on farms.....	4,420	4,241	4,079	3,846	3,824	3,145	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826
Imports for consumption 1—														
Manufactured dairy products 2.....	972	737	808	994	875	805	720	621	534	495	489	960	809	806
Fresh milk and cream.....	422	529	547	475	373	303	157	12	11	2	(³)	(³)	4	12
Stocks on hand, Jan. 1:.....														
Manufactured dairy products 2.....	1,695	2,318	2,221	1,670	2,007	2,197	3,127	2,680	1,680	4,119	3,764	2,398	2,042	3,011
Fresh cream.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	194	54	153	156	85	89	135
Total.....	94,578	96,200	98,602	101,262	102,089	105,426	107,020	109,397	108,957	109,647	106,763	107,660	108,953	109,922
Disappearance:														
Exports, domestic 5:														
Manufactured dairy products 1.....	699	552	424	372	384	375	314	285	177	134	157	130	106	122
Fresh milk and cream.....	1	1	(⁶)	1	1	2	2	2	(⁶)	(⁶)	1	1	1	1
Shipments to foreign territories.....														
Manufactured dairy products.....	146	131	132	139	130	129	141	158	161	177	183	201	196	204
Stocks on hand, Dec. 31:.....														
Manufactured dairy products.....	2,318	2,221	1,670	2,007	2,197	3,127	2,680	1,680	4,119	3,764	2,398	2,042	3,011	2,375
Fresh cream.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	194	54	152	156	85	89	135
Milk fed to calves on farms.....	2,177	2,262	2,554	2,744	2,887	3,012	2,986	2,997	2,859	2,863	2,688	2,686	2,794	2,762
Total disappearance, exclusive of domestic human consumption.....	5,341	5,167	4,780	5,263	5,569	6,645	6,317	5,175	4,768	7,094	5,482	5,149	6,245	5,487
Disappearance for domestic human consumption.....	89,237	91,033	94,822	95,999	97,090	98,781	100,703	104,222	104,189	102,553	103,281	102,511	102,708	104,435
Population, July 1 census estimates (thousands).....	113,202	114,867	116,532	118,197	119,862	121,526	123,091	124,113	124,974	125,770	126,026	127,521	128,429	129,257
Per capita disappearance (pounds).....	788	793	814	812	810	813	818	840	839	815	816	804	800	808
Per capita disappearance (gallons).....	91.7	92.2	94.6	94.4	94.2	94.5	95.1	97.6	96.9	94.8	94.8	93.5	93.0	94.0

1 Milk or milk equivalent.

2 Imports for consumption less "general imports" of noncontiguous countries.

3 Includes butter, cheese, condensed and evaporated milks, dry milk, dry cream, and malted milk and compounds.

4 Less than 500,000 pounds.

5 Includes stocks in cold storage of butter and all cheese, and manufacturers' stocks of condensed and evaporated milks (case goods only), dry whole milk, and cream powder.

6 Not reported prior to Jan. 1, 1931.

7 Domestic exports less domestic exports of noncontiguous territories.

8 Includes butter, cheese, condensed and evaporated milk, dried milk, and infants' foods and malted milk.

Bureau of Agricultural Economics.

TABLE 529.—*Fluid milk and cream: Receipts at New York, Philadelphia, and Boston, by origin, 1937 and 1938*¹

Product and State of origin	New York		Philadelphia		Boston	
	1937	1938	1937	1938	1937	1938
Fluid milk:	<i>40-quart units</i> ¹	<i>40-quart units</i> ¹	<i>40-quart units</i> ¹	<i>40-quart units</i> ¹	<i>40-quart units</i> ¹	<i>40-quart units</i> ¹
Connecticut.....	227,258	200,248	—	—	—	1,088
Delaware.....	7,805	—	485,433	554,069	—	943,640
Illinois.....	—	—	—	—	858,485	—
Maine.....	—	—	—	—	—	—
Maryland.....	196,503	216,583	778,720	801,060	—	—
Massachusetts.....	149,266	153,919	—	—	764,019	812,332
New Hampshire.....	—	—	—	—	576,400	696,508
New Jersey.....	3,931,394	4,116,291	564,830	687,492	—	—
New York.....	23,840,596	24,102,548	—	—	403,857	390,851
Pennsylvania.....	6,103,464	5,570,846	5,502,069	5,382,714	—	7,129
Rhode Island.....	—	—	—	—	41,536	—
Vermont.....	1,777,001	1,326,355	—	—	2,979,696	2,862,418
Total.....	36,233,287	35,686,790	7,331,082	7,425,335	5,622,995	5,713,975
Fluid cream:						
Delaware.....	458	1,640	—	939	—	—
District of Columbia.....	1,564	—	—	—	—	—
Illinois.....	200	—	—	—	780	1,650
Indiana.....	20,304	9,796	31,707	21,442	37,356	49,993
Kansas.....	—	—	—	—	2,800	5,680
Louisiana.....	—	—	—	—	—	—
Maine.....	—	—	—	—	22,976	21,134
Maryland.....	2,470	21,342	34,343	40,367	—	200
Massachusetts.....	—	—	—	—	839	477
Michigan.....	1,800	3,600	100	—	71,515	59,652
Minnesota.....	—	100	—	—	8,933	7,740
Mississippi.....	—	—	—	—	200	—
Missouri.....	1,259	200	—	—	40,318	21,790
New Hampshire.....	32,704	39,120	—	2,037	4,536	8,283
New Jersey.....	1,213,631	1,145,400	12,292	17,704	48,032	27,565
New York.....	38,488	32,232	—	—	21,090	45,260
Ohio.....	131,571	105,255	103,448	97,050	—	533
Pennsylvania.....	3,387	—	—	—	12,148	16,370
Tennessee.....	81,726	107,642	—	—	224,754	240,227
Vermont.....	748	2,700	50,930	45,655	66,882	51,751
Wisconsin.....	—	—	—	—	14,807	527
Canada.....	—	—	—	—	—	—
Total.....	1,530,310	1,469,027	232,820	231,194	573,136	558,802

¹ Figures include both rail and truck receipts.¹ 40-quart units equal standard 10-gallon cans.

Bureau of Agricultural Economics.

TABLE 530.—*Milk: Average wholesale price per 100 pounds received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average
1929.....	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1930.....	2.72	2.67	2.59	2.47	2.36	2.30	2.37	2.47	2.58	2.68	2.70	2.59	2.54
1931.....	2.44	2.34	2.28	2.21	2.09	1.99	2.06	2.20	2.35	2.35	2.27	2.12	2.21
1932.....	1.95	1.87	1.78	1.65	1.54	1.50	1.57	1.67	1.75	1.77	1.73	1.61	1.60
1933.....	1.49	1.43	1.36	1.25	1.16	1.11	1.14	1.20	1.27	1.30	1.32	1.29	1.27
1934.....	1.19	1.12	1.08	1.09	1.17	1.26	1.36	1.43	1.47	1.49	1.55	1.48	1.30
1935.....	1.47	1.51	1.49	1.42	1.39	1.43	1.48	1.56	1.60	1.67	1.77	1.80	1.54
1936.....	1.84	1.86	1.79	1.75	1.61	1.52	1.54	1.59	1.65	1.74	1.87	1.93	1.70
1937.....	1.93	1.91	1.82	1.72	1.64	1.64	1.82	1.97	2.02	2.04	2.10	2.08	1.87
1938.....	2.05	2.02	1.98	1.87	1.79	1.75	1.82	1.91	2.03	2.11	2.22	2.22	1.96
1939.....	2.08	1.98	1.84	1.69	1.57	1.52	1.56	1.60	1.67	1.75	1.81	1.86	1.73
1939.....	1.81	1.72	1.59	1.48	1.39	—	—	—	—	—	—	—	—

¹ Preliminary.

Bureau of Agricultural Economics. Based on reports from milk-market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants.

TABLE 531.—*Milk: Average price per 100 pounds paid producers by condensaries for milk testing 3.5 percent butterfat, f. o. b. factory, 1929-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929	2.23	2.18	2.14	2.07	1.99	1.92	1.91	1.96	1.97	2.04	2.07	2.02	2.04
1930	1.87	1.71	1.69	1.68	1.67	1.58	1.54	1.61	1.72	1.75	1.67	1.56	1.67
1931	1.42	1.35	1.27	1.21	1.12	1.04	1.02	1.02	1.12	1.22	1.23	1.19	1.18
1932	1.12	.99	.95	.93	.86	.81	.77	.80	.85	.86	.80	.82	.89
1933	.95	.84	.82	.81	.93	1.00	1.07	1.10	1.09	1.10	1.08	1.00	.98
1934	.97	1.10	1.11	1.02	1.06	1.09	1.09	1.21	1.17	1.20	1.32	1.35	1.14
1935	1.46	1.57	1.42	1.46	1.23	1.13	1.13	1.18	1.22	1.31	1.49	1.67	1.35
1936	1.58	1.62	1.47	1.40	1.29	1.39	1.63	1.74	1.74	1.65	1.64	1.62	1.56
1937	1.59	1.58	1.63	1.49	1.43	1.42	1.46	1.62	1.61	1.65	1.71	1.71	1.57
1938	1.53	1.42	1.36	1.24	1.17	1.15	1.16	1.15	1.14	1.16	1.21	1.26	1.25
1939	1.20	1.18	1.11	1.07									

Bureau of Agricultural Economics. Compiled from reports of the Bureau, secured through the cooperation of firms operating condensaries.

TABLE 532.—*Milk: Milk dealers' average buying price per 100 pounds for standard grade milk testing 3.5 percent butterfat, which is used for city distribution as milk and cream, 1929-39*

[F. o. b. local shipping point or country plant]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1929	2.87	2.86	2.83	2.79	2.77	2.69	2.76	2.77	2.82	2.85	2.88	2.86	2.81
1930	2.81	2.77	2.74	2.69	2.63	2.57	2.60	2.60	2.73	2.69	2.69	2.59	2.68
1931	2.46	2.38	2.33	2.25	2.14	2.16	2.13	2.20	2.14	2.14	2.10	2.00	2.20
1932	1.95	1.88	1.80	1.77	1.71	1.69	1.62	1.64	1.64	1.68	1.64	1.57	1.72
1933	1.55	1.50	1.46	1.47	1.45	1.49	1.57	1.67	1.72	1.77	1.79	1.80	1.60
1934	1.81	1.80	1.79	1.81	1.81	1.82	1.86	1.91	1.97	2.02	2.03	2.04	1.89
1935	2.05	2.07	2.09	2.07	2.07	2.06	2.04	2.03	2.03	2.03	2.03	2.03	2.05
1936	2.04	2.05	2.04	2.03	2.02	2.01	2.06	2.20	2.26	2.28	2.29	2.31	2.13
1937	2.32	2.33	2.33	2.31	2.29	2.28	2.30	2.32	2.32	2.32	2.34	2.35	2.32
1938	2.35	2.32	2.31	2.29	2.26	2.23	2.23	2.22	2.22	2.22	2.23	2.23	2.26
1939	2.23	2.21	2.20	2.15	2.11								

Bureau of Agricultural Economics. Compiled from reports of the Bureau, secured through the cooperation of milk distributors, producers' associations, and municipal officers.

TABLE 533.—*Milk, standard or grade B: Retail price per quart, delivered to family trade in cities, 1926-38¹*

City	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Boston	14.5	14.7	15.2	15.4	15.3	12.9	10.5	11.0	11.3	12.4	12.5	12.5	13.0
New York	15.0	15.3	15.6	16.0	15.7	14.7	12.0	11.1	12.6	13.0	13.1	12.6	13.1
Philadelphia	12.2	13.0	13.0	13.3	13.0	11.7	10.0	9.9	11.0	11.0	11.2	12.0	12.0
Pittsburgh	14.0	14.5	14.0	14.2	13.3	11.6	8.9	9.2	10.4	11.0	11.4	13.0	13.0
Cleveland	14.2	14.2	13.9	12.5	12.1	10.7	8.7	8.9	10.5	10.2	11.2	11.8	11.3
Indianapolis	12.0	12.0	12.1	12.3	11.9	10.2	9.4	8.5	9.0	10.0	11.4	12.0	12.0
Chicago	14.0	14.0	14.0	14.0	13.0	11.2	9.6	9.5	10.6	11.4	12.4	12.4	12.4
Detroit	14.0	13.9	14.0	14.0	13.1	11.6	9.1	9.2	10.5	11.8	12.0	12.0	11.1
Milwaukee	10.8	11.0	11.0	11.2	11.4	9.9	8.3	8.4	9.3	10.0	10.8	12.0	12.0
Minneapolis	11.1	11.2	12.0	12.0	11.0	10.0	8.1	7.1	9.2	10.0	10.4	11.0	11.0
St. Louis	13.0	13.0	13.0	13.0	12.9	11.7	10.1	10.1	11.0	11.0	12.0	12.3	13.3
Kansas City, Mo.	13.0	13.0	13.4	13.5	13.2	12.2	10.2	9.8	11.0	11.5	11.8	13.0	13.0
Washington, D. C.	14.6	15.0	14.9	14.5	14.5	14.1	13.3	12.6	12.9	13.0	13.2	14.0	14.0
Jacksonville	20.2	19.2	18.1	18.2	18.5	15.8	12.7	13.4	14.2	15.0	15.1	16.0	16.0
Louisville	12.5	12.5	12.6	13.0	12.4	11.1	10.0	10.3	11.2	11.6	12.9	13.6	13.1
Birmingham	18.0	17.0	18.0	16.1	16.0	13.5	13.0	13.2	14.0	14.0	14.2	15.0	15.0
New Orleans	14.0	14.0	14.0	14.0	14.0	12.7	10.7	11.0	10.3	11.0	11.6	12.2	12.0
Dallas	12.8	12.4	12.3	13.0	13.0	11.0	9.4	8.5	10.2	11.0	11.0	11.0	11.0
Butte	13.1	13.0	13.0	13.0	13.0	12.4	10.0	10.0	10.0	10.0	10.5	12.0	12.0
Denver	12.0	12.0	12.0	12.0	11.0	10.0	10.0	10.0	10.0	10.6	10.5	10.8	11.6
Salt Lake City	10.3	10.5	10.0	10.0	10.0	9.9	9.0	8.8	10.0	10.0	10.6	11.0	10.5
Seattle	12.6	12.0	11.7	12.2	11.0	10.7	9.6	9.7	10.2	9.8	10.2	11.0	10.4
Portland, Oreg.	12.0	11.9	12.0	12.0	12.6	10.4	9.1	9.0	10.2	10.5	11.1	12.0	10.5
San Angeles	15.0	15.0	15.0	15.0	14.6	12.6	10.5	10.7	10.8	11.2	10.9	12.0	11.2
San Francisco	14.0	14.0	14.0	14.0	14.0	11.8	12.0	11.3	12.0	12.1	13.0	13.0	13.0

¹ Dealers' selling prices per quart, delivered to homes.

Bureau of Agricultural Economics. Compiled from reports of the Bureau secured through the cooperation of milk distributors, producers' associations, and municipal officers.

TABLE 534.—*Evaporated milk (case goods): Manufacturers' total stocks, 1929-39*

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	153,351	137,163	116,823	111,868	126,314	160,426	222,956	281,137	272,427	249,936	244,035	231,970
1930.....	111,954	175,974	153,823	146,571	162,221	199,334	227,201	258,836	244,969	218,486	224,486	211,828
1931.....	202,670	157,152	136,896	150,931	177,754	230,739	275,280	275,931	181,745	136,406	129,802	139,844
1932.....	132,011	127,883	116,859	101,388	117,687	164,421	212,431	225,887	190,912	176,197	146,204	139,957
1933.....	100,092	107,154	101,085	50,571	36,975	48,127	104,088	131,987	177,536	208,493	234,665	225,040
1934.....	210,407	168,502	112,936	99,176	117,115	151,691	153,149	205,545	167,864	175,129	215,700	203,402
1935.....	156,793	59,791	28,914	39,993	74,145	179,684	287,204	339,978	358,780	343,132	229,065	91,250
1936.....	72,916	66,094	45,375	42,597	61,775	141,774	186,359	99,638	102,021	160,682	251,751	278,511
1937.....	258,904	208,911	176,912	152,575	161,208	242,390	302,435	227,696	263,324	227,710	244,766	218,372
1938.....	181,686	156,894	132,663	123,801	151,669	261,703	350,790	392,641	419,142	398,287	344,316	284,375
1939.....	205,073	150,310	120,397	109,882	134,625	.....	.....	.....	.....	.....	.....	.....

Bureau of Agricultural Economics.

TABLE 535.—*Dry skim milk: Manufacturers' total stocks, 1929-39*

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,500 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	10,837	11,794	11,825	12,892	15,527	21,264	27,800	30,732	29,843	27,649	26,596	26,313
1930.....	28,066	27,503	24,330	24,081	23,308	23,958	20,087	26,580	28,293	27,722	28,759	32,223
1931.....	35,071	37,416	38,390	38,564	37,671	30,008	38,113	33,412	32,153	23,453	20,754	20,829
1932.....	21,789	23,433	23,423	22,572	21,716	22,051	23,010	23,390	20,541	16,241	14,906	13,870
1933.....	14,165	14,258	13,953	12,956	10,781	10,914	9,961	9,893	10,334	12,247	17,452	19,757
1934.....	26,973	26,484	22,548	22,956	26,302	33,006	37,820	39,800	39,140	38,274	37,548	33,854
1935.....	30,994	28,193	21,808	18,840	18,867	24,629	31,941	33,337	29,256	24,364	18,159	10,585
1936.....	7,026	6,620	6,526	7,862	9,594	18,635	27,984	24,872	20,511	22,660	26,291	29,104
1937.....	31,179	35,425	36,814	36,085	37,179	43,123	48,390	42,902	40,219	37,644	31,166	27,181
1938.....	24,260	29,647	33,699	36,699	42,854	55,014	59,168	59,764	56,031	52,702	42,082	36,685
1939.....	33,259	32,860	32,318	30,972	32,102	.....	.....	.....	.....	.....	.....	.....

Bureau of Agricultural Economics.

TABLE 536.—*Butterfat: Average price per pound received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	47.6	47.8	48.3	46.5	45.4	43.6	43.4	44.6	45.6	43.5	41.9	45.2	45.2
1930.....	36.7	35.4	34.9	37.3	36.5	31.6	31.6	35.2	37.7	37.0	35.3	30.6	34.5
1931.....	26.2	25.0	27.5	26.4	21.2	20.6	21.1	23.9	26.6	30.3	28.2	27.3	24.8
1932.....	22.8	19.8	19.5	17.8	16.3	14.6	14.4	17.5	17.6	17.8	18.4	21.1	17.9
1933.....	18.9	15.8	15.1	16.5	20.2	19.7	23.0	18.4	19.6	20.1	20.4	18.0	18.8
1934.....	16.1	21.6	23.5	21.0	21.5	22.2	22.1	24.3	24.0	24.3	27.2	28.2	22.7
1935.....	30.5	35.9	31.2	33.8	27.5	23.7	22.3	22.9	24.9	25.9	29.9	33.0	28.1
1936.....	33.5	34.9	31.7	31.2	27.1	27.7	32.6	35.7	35.5	33.5	33.1	33.6	32.2
1937.....	34.3	33.9	34.9	33.0	31.6	30.8	31.1	31.6	34.4	35.1	36.2	38.4	33.2
1938.....	33.5	30.5	29.8	27.0	25.1	23.7	24.2	24.1	24.4	24.4	26.0	27.0	28.3
1939.....	25.2	24.9	22.7	21.4	21.5	.....	.....	.....	.....	.....	.....	.....	.....

† Preliminary.

Bureau of Agricultural Economics. Quotations include some purchases other than for the manufacture of butter. Based on reports of special-price reporters. Monthly prices, by States, prior to June 1932, weighted by number of milk cows Jan. 1 to obtain a price for the United States. Beginning in June 1932 State prices weighted by volume of cream sold as butterfat, 1929 census. Yearly prices, by States, weighted by estimated volume of cream sold, 1929-37, to obtain yearly prices for the United States. Data for earlier years in February 1936 issue of Crops and Markets, p. 45.

TABLE 537.—Milk and cream, condensed and evaporated: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES										
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Netherlands.....	319,831	291	385,907	437	342,481	58	381,744	95	367,875	84
United States.....	118,215	2,830	59,921	1,094	37,117	603	25,931	2,245	30,847	1,554
Switzerland.....	76,691	35	39,800	14	12,816	12	11,836	8	12,777	6
Denmark.....	55,666	17	51,973	2	40,664	0	36,963	1	37,524	0
Canada.....	32,287	142	20,031	80	19,755	26	15,224	23	28,972	36
Australia ²	20,552	70	14,702	6	11,801	2	13,585	101	22,899	2
Norway.....	18,462	789	8,087	112	4,710	174	3,907	43	5,086	
Italy.....	9,804	1,335	5,059	1,153	3,512	539	3,253	153	4,037	224
France.....	8,910	13,493	12,115	11,254	9,696	4,963	10,671	4,198	10,966	4,437
Ireland.....	6,658	1,598	10,615	308	12,416	131	13,484	23	14,633	
Belgium.....	³ 2,582	³ 1,416	³ 7,093	³ 6,214	³ 2,441	³ 9,538	³ 902	2,696	1,877	1,088
New Zealand ⁴	1,494	23	2,235	22	6,205	22	6,500	45	8,588	
Total.....	673,452	22,039	617,538	20,696	503,614	16,067	524,390	9,631	546,081	7,432
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	21,867	250,504	18,574	284,857	36,954	204,345	47,943	192,409	36,024	188,654
Cuba.....	0	47,460	0	14,898	0	3,142	0	4,975	0	
Netherlands India.....	15	27,265	0	27,702	0	28,078	0	29,215	0	13,299
Philippine Islands.....	0	25,810	0	31,304	0	33,669	0	41,691	0	42,477
British India.....	0	22,365	0	21,421	0	23,595	0	22,224	0	11,420
Germany ⁵	1,960	16,962	2,769	3,732	933	2,275	233	2,500	198	3,821
China.....	0	12,227	0	9,876	0	9,870	0	6,764	0	7,161
Manchuria.....	(⁶)	(⁶)	0	1,001	0	1,361	0	1,722	0	2,374
Union of South Africa.....	27	11,305	553	2,443	1,102	402	325	1,737	363	6,768
Japan.....	320	9,171	3,216	4,525	11,609	348	10,501	400	6,482	651
Peru.....	0	8,593	0	5,507	0	6,004	0	6,808	0	9,318
Siam.....	0	7,076	0	11,788	0	19,331	0	21,862	0	
Indo-China.....	162	6,275	40	6,316	24	7,357	123	7,509	0	10,478
Greece.....	0	6,644	2	4,784	0	4,709	0	4,309	0	4,496
Mexico.....	0	5,597	0	2,563	0	525	0	51	0	
Jamaica.....	0	4,198	0	5,830	0	6,835	0	8,044	0	8,984
Algeria.....	185	3,694	280	6,409	10	5,097	56	4,792		6,235
Panama ⁷	0	3,464	0	3,358	0	4,298	0	4,780	0	
Trinidad and Tobago.....	0	3,181	0	4,617	0	6,045	0	7,509	0	
Tunisia.....	0	2,343	0	3,274	0	3,022	0	3,121	0	3,606
Ceylon.....	0	1,831	0	1,895	0	2,876	0	3,488	0	3,989
Brazil.....	0	1,431	3	518	7	163	4	191	42	231
Argentina.....	15	1,418	12	974	21	319	10	269	33	113
Egypt.....	353	1,356	26	1,494	0	1,331	1	1,311	0	1,330
Austria ⁸	213	1,214	310	938	111	435	581	615	1,310	497
British Guiana.....	0	829	0	743	0	1,035	0	1,239	0	1,674
Czechoslovakia.....	532	360	121	196	3	180	7	152	4	86
Poland.....	34	327	1	139	2	64	0	21	91	86
Total.....	25,653	512,900	26,207	463,072	50,770	378,681	59,784	379,608	45,147	326,808

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Includes powdered milk.⁴ Imports include powdered milk.⁵ Java and Madura only.⁶ Not shown prior to 1932; included in data for China.⁷ 3-year average.⁸ Year beginning April.⁹ Includes powdered milk, beginning 1932.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 538.—*Creamery butter: Production in factories, United States, 1928-37*¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1928.	101,045	99,394	111,777	118,849	156,294	181,037	167,601	145,430	119,499	105,894	87,745	92,484	1,487,049
1929.	103,519	99,963	114,404	133,684	174,341	192,869	185,317	152,162	123,862	118,116	97,186	101,854	1,567,027
1930.	108,382	102,252	115,679	133,271	184,385	189,788	167,559	137,420	122,580	120,287	101,974	111,694	1,595,281
1931.	118,554	109,586	126,792	145,367	183,788	194,256	161,296	140,368	120,938	126,569	117,035	123,073	1,667,452
1932.	124,320	124,894	138,985	141,741	186,607	190,644	163,370	149,625	127,386	121,819	109,790	120,841	1,694,132
1933.	130,245	122,322	133,266	138,306	191,068	201,969	176,829	166,562	140,038	130,454	115,215	116,384	1,762,688
1934.	119,775	111,381	127,476	136,482	177,980	185,396	174,943	165,190	143,761	133,817	112,577	105,930	1,694,708
1935.	106,056	100,512	110,166	129,482	179,879	199,696	184,161	159,285	141,786	119,748	96,462	105,147	1,632,380
1936.	110,666	108,744	121,543	133,290	177,847	190,699	156,463	141,556	133,021	135,493	111,535	108,550	1,629,407
1937.	107,957	102,963	121,074	131,396	181,700	198,191	171,687	147,069	128,266	118,878	103,242	111,648	1,623,971

¹ Beginning 1931, includes whey butter.

Bureau of Agricultural Economics. Figures beginning with the year 1929 are the most complete since these reports were inaugurated in 1918. Some allowance, therefore, should be made for this when comparing production since 1929 with that of previous years. Data for earlier years in 1928 Yearbook, table 461.

TABLE 539.—*Creamery butter: Production in factories, by States, average 1931-35, annual 1936 and 1937*¹

State	Average 1931-35	1936 *	1937	State	Average 1931-35	1936	1937
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	46	65	42	North Carolina.....	2,626	2,420	2,432
New Hampshire.....	2			South Carolina.....	793	665	583
Vermont.....	2,619	2,649	3,244	Georgia.....	2,367	1,914	2,045
Massachusetts.....	1,273	809	734	Florida.....	243	169	146
Rhode Island.....	15	14	16	Kentucky.....	20,663	20,923	20,620
Connecticut.....	306	167	180	Tennessee.....	16,132	15,555	16,550
New York.....	12,626	14,592	16,891	Alabama.....	2,063	1,477	1,524
New Jersey.....	53	25	21	Mississippi.....	7,473	6,120	6,190
Pennsylvania.....	11,546	10,967	11,136	Arkansas.....	4,863	5,527	6,709
Ohio.....	81,674	79,256	77,409	Louisiana.....	1,605	1,506	1,414
Indiana.....	74,201	67,112	64,689	Oklahoma.....	35,540	36,436	44,977
Illinois.....	69,821	67,640	67,854	Texas.....	31,261	31,317	33,384
Michigan.....	77,545	82,162	80,887	Montana.....	13,897	11,586	10,608
Wisconsin.....	165,255	171,400	175,659	Idaho.....	28,709	29,491	30,538
Minnesota.....	282,835	289,830	276,491	Wyoming.....	2,295	2,312	2,794
Iowa.....	226,841	208,926	200,362	Colorado.....	21,767	21,491	21,125
Missouri.....	83,892	74,214	79,232	New Mexico.....	1,007	1,734	2,778
North Dakota.....	46,448	43,575	43,909	Arizona.....	1,973	2,277	1,987
South Dakota.....	40,049	38,741	33,896	Utah.....	11,255	9,969	10,096
Nebraska.....	86,578	72,842	63,594	Nevada.....	1,752	1,669	2,272
Kansas.....	74,870	62,802	68,039	Washington.....	35,904	35,680	36,115
Delaware.....	44	29	36	Oregon.....	28,727	29,285	29,617
Maryland.....	630	1,677	1,996	California.....	71,601	63,617	64,968
Virginia.....	6,051	6,318	6,508	Total.....	1,690,272	1,629,407	1,623,971
West Virginia.....	396	425	2,454				

¹ Includes whey butter.

Bureau of Agricultural Economics.

TABLE 540.—*Butter: Receipts, gross weight, at five markets, 1919-35*¹

Year	New York	Chi- cago	Phila- delphia	Boston	San Fran- cisco	Year	New York	Chi- cago	Phila- delphia	Boston	San Fran- cisco
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1919.....	226,698	185,779	51,191	73,223	19,653	1929.....	265,760	244,632	87,386	81,183	25,155
1920.....	164,608	176,746	48,630	72,993	24,412	1930.....	268,070	233,638	83,762	72,456	24,738
1921.....	213,978	193,593	58,926	74,303	25,264	1931.....	274,218	243,665	90,585	77,200	26,692
1922.....	241,604	213,101	64,551	80,473	27,778	1932.....	282,520	223,428	92,243	81,984	28,750
1923.....	243,764	225,892	68,598	82,659	25,520	1933.....	290,449	261,001	92,397	83,275	29,017
1924.....	248,759	258,083	76,731	86,921	26,260	1934.....	263,256	228,241	88,947	90,535	27,585
1925.....	244,127	254,308	72,094	82,476	28,680	1935.....	237,921	229,622	83,506	82,424	30,801
1926.....	232,742	236,546	79,345	83,243	27,668	1936.....	244,229	225,435	75,558	80,791	30,405
1927.....	261,322	235,200	81,727	84,617	26,709	1937.....	232,844	235,756	69,213	79,496	29,589
1928.....	250,593	230,514	84,495	87,324	24,032	1938.....	302,689	304,589	74,045	83,113	34,395

¹ Gross weight includes container and wrapping.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 541.—Butter: Receipts, gross weight, at 5 markets, by months, 1929-39¹

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
New York:													
1929	10,498	18,873	20,496	21,895	26,751	27,936	29,700	23,854	20,657	20,963	17,032	18,095	265,760
1930	20,877	19,579	21,523	22,868	26,723	29,898	27,587	19,519	19,690	19,431	17,910	22,485	268,070
1931	22,639	21,645	22,237	23,169	25,280	31,434	25,661	18,860	19,334	20,904	20,773	22,282	274,218
1932	23,243	24,212	24,578	22,382	30,222	32,237	25,276	24,220	19,090	18,235	18,550	20,275	282,520
1933	25,238	21,009	23,328	21,216	27,824	29,189	26,890	27,328	20,892	23,173	22,111	22,246	290,449
1934	22,690	18,711	22,960	21,109	25,838	24,407	24,607	24,058	21,025	22,555	17,510	17,778	263,256
1935	20,544	16,911	16,111	18,418	22,124	26,920	27,597	21,419	20,573	18,020	14,152	15,132	237,921
1936	18,781	17,795	19,317	20,068	22,612	29,358	23,453	18,888	18,839	20,206	17,191	17,691	244,229
1937	16,237	15,820	17,720	17,929	22,063	28,859	24,373	18,985	17,228	17,430	17,808	18,391	232,844
1938	20,181	19,456	22,129	21,403	27,929	31,349	27,326	35,105	32,791	25,160	19,217	20,643	302,689
1939	21,812	20,516	21,639	20,770									
Chicago:													
1929	18,158	16,356	18,758	19,056	25,935	30,081	27,119	22,793	17,130	16,832	5,766	16,648	244,632
1930	16,837	15,422	18,877	20,317	27,434	29,585	24,689	18,189	15,979	15,191	14,349	14,769	233,638
1931	16,375	15,584	19,601	21,833	27,162	32,112	24,265	18,354	16,584	17,267	17,503	17,055	243,695
1932	18,318	16,639	17,281	18,006	22,876	27,561	22,981	19,750	16,493	14,392	13,913	15,218	223,426
1933	15,779	15,097	16,821	16,905	25,017	31,627	27,308	26,966	26,888	21,100	18,979	15,514	261,001
1934	13,919	13,413	16,770	16,005	23,974	27,919	25,666	23,695	20,045	18,281	15,621	12,933	228,241
1935	11,946	11,778	14,569	17,281	25,447	34,257	33,920	23,079	20,173	15,625	9,782	11,765	229,622
1936	14,428	15,637	18,497	19,139	24,426	28,928	22,374	17,687	17,191	18,958	14,201	13,968	225,435
1937	13,438	12,116	15,855	16,223	26,430	35,931	28,487	22,452	18,597	16,202	12,882	15,233	255,756
1938	15,475	14,969	18,049	22,400	31,008	38,133	35,145	40,062	33,200	22,788	16,272	17,088	304,589
1939	19,107	20,515	22,793	21,812									
Philadelphia:													
1929	6,781	6,158	7,006	6,745	8,839	9,491	8,918	7,570	6,873	6,309	6,242	6,554	87,386
1930	6,956	6,144	6,674	7,119	8,263	9,183	8,127	6,127	5,942	5,649	5,976	7,602	83,762
1931	7,768	6,972	7,744	8,170	8,536	10,247	7,566	6,468	6,799	6,036	6,660	6,676	90,585
1932	7,217	8,151	7,875	7,848	9,838	10,322	7,085	6,568	6,538	6,603	7,264	6,934	92,243
1933	8,307	7,680	8,717	8,061	9,682	9,584	7,129	7,773	6,582	6,063	6,350	6,450	92,387
1934	7,976	6,700	8,467	7,469	8,438	8,507	8,054	7,792	6,704	6,689	5,789	6,129	88,947
1935	6,812	6,217	5,664	6,311	8,858	9,618	8,892	6,382	6,264	6,569	5,590	6,331	83,506
1936	6,483	5,726	6,306	6,927	6,895	7,222	6,230	5,714	6,152	6,083	5,797	6,023	75,558
1937	5,204	5,637	6,917	6,022	6,673	7,752	6,032	5,056	4,966	4,786	4,815	5,350	68,213
1938	5,806	5,892	6,369	6,364	7,258	7,551	5,791	4,969	5,195	5,904	6,374	6,672	74,045
1939	5,856	5,404	6,245	7,182									
Boston:													
1929	6,091	5,259	5,915	6,656	9,216	10,787	11,063	7,812	5,922	4,652	4,030	3,780	81,183
1930	4,615	4,296	5,225	6,257	8,646	10,869	9,640	6,524	4,691	3,790	3,368	4,534	72,455
1931	5,028	4,911	5,281	6,533	8,163	9,874	8,591	6,537	5,507	5,292	5,664	5,179	77,200
1932	5,984	5,947	6,090	6,714	9,020	9,062	8,543	7,762	5,974	4,880	5,443	5,275	81,984
1933	6,664	5,860	6,892	7,009	9,022	10,388	9,293	8,611	6,433	6,041	5,421	6,641	88,275
1934	6,292	6,523	7,657	6,869	9,261	9,150	9,310	8,799	7,055	7,638	5,928	6,083	90,535
1935	8,005	6,691	5,196	5,970	7,791	9,372	9,110	7,194	6,283	5,813	5,526	5,473	82,424
1936	6,674	6,243	6,088	6,532	7,484	9,659	7,228	6,248	6,448	6,436	5,998	5,753	80,791
1937	5,883	6,025	6,665	6,044	7,205	8,786	6,261	6,743	6,241	5,130	5,915	5,527	79,495
1938	6,885	5,964	6,576	7,081	8,487	9,594	6,579	6,311	5,166	8,270	6,052	6,348	83,113
1939	6,215	5,552	6,659	6,894									
San Francisco:													
1929	1,962	1,911	1,814	2,529	3,138	2,885	2,642	2,074	1,590	1,470	1,569	1,571	25,155
1930	1,590	1,555	1,881	2,506	3,438	2,769	2,639	1,975	1,442	1,467	1,515	1,291	24,738
1931	1,530	1,417	1,148	2,928	3,134	3,009	2,300	2,440	1,859	1,743	1,888	2,206	26,692
1932	2,013	2,022	2,390	2,995	3,597	3,157	2,628	2,107	1,840	2,019	1,664	2,318	28,750
1933	2,305	1,691	2,378	1,955	3,072	3,133	2,871	2,628	2,223	1,936	2,199	2,629	29,017
1934	1,724	1,454	2,072	2,700	3,040	3,276	2,634	2,060	1,745	2,065	2,860	1,955	27,585
1935	1,585	1,793	2,226	2,700	3,393	3,518	3,226	2,775	2,144	2,348	2,677	2,966	30,801
1936	1,807	1,702	2,222	2,649	3,314	4,328	3,310	2,716	2,417	2,319	2,056	1,470	30,405
1937	1,681	1,780	1,850	2,593	3,816	3,605	3,458	2,582	2,045	2,124	2,350	2,205	29,589
1938	2,105	2,062	2,764	3,621	4,310	3,806	2,899	2,803	2,491	2,435	2,581	2,515	34,395
1939	2,715	1,968	2,755	3,227									
5 markets:													
1929	52,490	48,557	53,979	56,881	73,879	81,180	79,442	64,103	51,972	50,246	44,739	46,648	704,116
1930	50,875	47,986	55,180	59,127	74,504	82,334	72,662	52,334	47,744	45,528	43,118	51,291	682,663
1931	53,340	50,529	57,011	62,633	72,275	86,676	68,326	52,659	50,083	51,242	52,486	55,130	712,390
1932	56,775	56,971	58,214	67,945	75,553	83,229	66,513	60,407	49,935	46,129	47,234	50,020	708,925
1933	58,293	51,337	58,133	55,145	74,617	83,921	73,497	73,306	63,018	58,313	55,060	56,489	761,129
1934	52,607	46,861	57,926	54,152	70,551	73,259	70,273	66,404	56,664	57,228	47,706	44,997	664,276
1935	48,892	43,390	43,766	50,800	67,613	83,685	82,745	60,849	55,437	48,375	42,443	44,910	656,418
1936	48,263	47,103	52,430	55,345	64,731	79,496	62,595	51,253	51,047	54,002	45,243	44,706	646,897
1937	42,353	41,378	49,007	50,811	65,777	85,913	70,611	55,818	49,077	45,672	43,774	46,910	565,418
1938	50,252	48,343	55,887	60,869	78,992	90,439	77,740	89,250	78,843	64,457	50,496	53,269	798,831
1939	55,705	53,955	60,091	59,385									

¹ Gross weight includes container and wrapping.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 542.—*Butter: Receipts, gross weight, at 5 markets, by State of origin, 1937 and 1938*¹

Market and origin	1937	1938	Market and origin	1937	1938	Market and origin	1937	1938
NEW YORK	<i>1,000 pounds</i>	<i>1,000 pounds</i>	CHICAGO—con.	<i>1,000 pounds</i>	<i>1,000 pounds</i>	BOSTON	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alabama.....	20	20	Michigan.....	3,615	6,306	Illinois.....	19,533	18,562
Arkansas.....	180	659	Minnesota.....	32,135	41,537	Indiana.....	2,441	2,545
California.....	156	.....	Mississippi.....	157	500	Iowa.....	14,253	17,486
Illinois.....	41,688	37,810	Missouri.....	20,846	24,013	Kansas.....	1,661	1,472
Indiana.....	3,491	7,424	Nebraska.....	10,238	13,802	Kentucky.....	213	1,643
Iowa.....	62,789	85,305	New York.....	.....	(2)	Massachusetts.....	179	2
Kansas.....	8,132	13,375	North Dakota.....	3,804	3,426	Michigan.....	3,296	3,980
Kentucky.....	417	3,407	Ohio.....	211	39	Minnesota.....	17,722	16,999
Maryland.....	156	582	Oklahoma.....	15,568	22,628	Missouri.....	2,468	3,815
Massachusetts.....	71	125	South Dakota.....	6,906	5,846	Nebraska.....	1,981	1,264
Michigan.....	5,956	7,000	Tennessee.....	130	292	New York.....	140	3,992
Minnesota.....	56,284	70,412	Texas.....	2,191	4,321	North Dakota.....	1,114	316
Mississippi.....	547	1,679	Wisconsin.....	72,579	78,019	Ohio.....	3,155	2,591
Missouri.....	5,882	12,131	Other States.....	167	55	Oklahoma.....	2,045	1,036
Nebraska.....	17,976	21,662	Total.....	235,756	304,589	South Dakota.....	2,766	1,889
New Jersey.....	405	719				Tennessee.....	54	212
New York.....	7,086	4,349	PHILADELPHIA			Texas.....	353	144
North Carolina.....	.....	(2)	Illinois.....	7,668	9,430	Vermont.....	135	223
North Dakota.....	3,401	4,804	Indiana.....	405	721	Wisconsin.....	5,911	4,294
Ohio.....	3,630	7,587	Iowa.....	8,897	9,042	Other States.....	73	648
Oklahoma.....	1,095	1,755	Kansas.....	326	303	Total.....	79,495	83,113
Pennsylvania.....	1,228	1,249	Kentucky.....	168	301			
South Dakota.....	1,119	2,781	Maryland.....	335	193	SAN FRANCISCO		
Tennessee.....	543	2,256	Minnesota.....	35,860	40,417	California.....	19,730	23,658
Texas.....	1,116	2,529	Mississippi.....	231	353	Colorado.....	25	223
Virginia.....	1,691	1,996	Missouri.....	2,149	2,177	Idaho.....	864	1,262
Wisconsin.....	7,550	10,904	Nebraska.....	5,365	3,793	Montana.....	10	115
Other States.....	643	171	New York.....	1,622	494	Nebraska.....	655	380
Canada.....	92	.....	North Dakota.....	650	251	Nevada.....	59	41
Total.....	232,844	302,689	Ohio.....	602	228	Oregon.....	5,420	6,509
CHICAGO			Pennsylvania.....	208	227	Utah.....	332	137
Arkansas.....	1,786	2,534	South Dakota.....	73	265	Washington.....	117	170
Colorado.....	861	1,010	Tennessee.....	46	264	Other States.....	2,377	1,900
Idaho.....	75	82	Texas.....	196	237	Total.....	29,589	34,395
Illinois.....	12,737	19,856	Virginia.....	442	474			
Indiana.....	4,887	7,681	West Virginia.....	38	21			
Iowa.....	32,032	46,981	Wisconsin.....	3,954	2,999			
Kansas.....	14,327	23,437	Other States.....	78	1,855			
Kentucky.....	504	2,252	Total.....	69,213	74,045			

¹ Gross weight includes container and wrapping.² Not over 500 pounds.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 543.—*Butter and cheese: Quantities officially graded by Federal and Federal-State graders, 1928-37*

Year beginning July	Butter	Cheese	Year beginning July	Butter	Cheese
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1928.....	127,531,847	389,940	1933.....	329,805,038	6,555,718
1929.....	155,135,758	561,771	1934.....	222,930,212	2,520,628
1930.....	175,779,711	575,017	1935.....	242,433,554	3,643,238
1931.....	190,323,713	1,018,846	1936.....	261,283,157	3,127,972
1932.....	183,205,105	1,551,529	1937.....	286,933,300	3,855,959

Bureau of Agricultural Economics.

TABLE 544.—*Butter: Quantity graded for packaging with certificates of quality, 1929-37*¹

Year beginning July	Quantity	Year beginning July	Quantity	Year beginning July	Quantity
	<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>
1929.....	11,432,625	1932.....	47,345,481	1935.....	51,579,823
1930.....	35,366,303	1933.....	46,059,338	1936.....	76,262,006
1931.....	43,712,985	1934.....	45,814,266	1937.....	81,324,332

¹ These quantities are included in data in table 543, showing total butter graded.

Bureau of Agricultural Economics. This special service began March 1930.

TABLE 545.—*Butter: Volume of trading in futures, on all contract markets, 1933-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>	<i>Carlots</i>
1933...	3,688	2,464	1,433	948	2,005	2,287	5,216	3,895	1,253	2,555	2,671	2,070	30,885
1934...	1,534	1,459	1,199	169	855	1,519	1,373	2,643	1,687	2,121	2,212	2,000	18,771
1935...	3,081	1,534	1,358	1,007	1,699	2,052	1,104	1,193	1,499	3,135	4,538	3,472	25,692
1936...	2,968	2,202	2,229	384	735	2,046	3,071	2,359	2,306	3,021	3,844	3,008	28,173
1937...	2,900	1,421	1,777	672	954	915	1,278	1,427	1,616	2,180	2,566	1,952	19,758
1938...	1,195	1,550	743	491	960	1,329	817	1,423	628	949	985	646	11,710
1939...	333	189	172	130	-----	-----	-----	-----	-----	-----	-----	-----	-----

Commodity Exchange Administration. Contract markets include Chicago Mercantile Exchange and New York Mercantile Exchange. Quantities are expressed in equivalent carlots of 300 tubs, or 19,200 pounds.

TABLE 546.—*Creamery butter: Cold-storage holdings, United States, 1929-39*¹

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1929.....	43,783	24,747	11,910	5,532	5,883	28,369	91,962	151,621	168,952	158,541	138,405	111,650
1930.....	81,935	60,230	46,530	30,556	22,957	50,378	105,522	145,061	143,089	131,489	109,646	88,012
1931.....	63,401	46,792	30,672	18,010	17,195	35,155	89,172	115,121	104,678	80,152	56,229	42,242
1932.....	26,643	22,506	15,243	9,094	10,394	29,160	84,269	110,247	107,259	99,490	66,828	37,307
1933.....	22,043	17,833	11,580	9,255	9,398	35,159	106,378	150,924	175,476	174,713	160,463	138,166
1934.....	111,249	75,946	36,853	15,351	11,838	27,161	70,148	108,748	120,467	125,047	111,073	81,034
1935.....	47,175	18,907	8,110	5,341	5,676	33,096	96,392	149,628	156,858	148,822	120,210	71,948
1936.....	40,117	21,502	8,217	5,346	4,997	21,157	73,816	103,259	112,106	108,835	105,368	88,866
1937.....	61,234	42,734	20,678	6,700	6,406	22,904	83,119	123,863	134,885	118,697	98,624	66,191
1938.....	42,953	31,211	21,167	14,947	20,144	55,266	121,467	173,257	201,252	210,703	195,263	160,632
1939.....	128,770	111,354	92,780	78,909	70,909	84,437	131,455	-----	-----	-----	-----	-----

¹ Quantities given are net weights.² Beginning May 1938, includes stocks of butter held by various States for relief distribution.³ Beginning July 1938, includes stocks of butter held by Dairy Marketing Products Association and stocks held by States for relief distribution.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments. Data for earlier years in 1928 Yearbook, table 462.

TABLE 547.—Butter, 92-score creamery: Wholesale price per pound, at 5 leading markets, New York 1919-39; 4 markets 1929-39

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
New York:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1919	61.95	51.98	61.77	64.63	58.30	62.47	53.16	55.38	59.00	67.48	71.22	72.36	60.81
1920	64.75	66.57	66.54	71.46	61.40	67.44	56.90	55.44	59.23	60.38	63.29	54.81	61.52
1921	52.52	47.23	47.97	45.60	31.88	32.77	40.40	42.83	43.10	47.04	44.98	43.81	43.34
1922	37.48	37.16	38.40	37.70	36.75	36.71	36.17	35.39	41.02	45.96	50.71	54.24	40.64
1923	51.67	49.83	49.30	46.14	41.90	38.89	39.44	44.06	45.98	47.73	52.85	54.58	46.86
1924	52.96	50.50	46.69	38.48	38.90	41.46	40.02	38.42	37.89	38.75	42.95	44.80	42.65
1925	39.94	40.82	47.51	44.54	42.58	42.49	42.86	43.45	48.18	50.88	50.66	49.20	45.26
1926	44.88	44.89	42.82	39.42	40.84	41.17	40.50	41.79	44.62	46.89	50.58	54.69	44.42
1927	49.15	51.55	50.18	50.35	43.46	42.52	41.72	41.88	46.46	48.39	49.79	51.87	47.28
1928	48.76	46.62	49.44	45.49	44.92	44.13	44.83	46.94	48.75	47.79	50.57	50.46	47.40
1929	47.94	49.89	48.45	45.35	43.54	43.54	42.42	43.45	46.22	45.56	42.70	41.10	45.01
1930	36.63	35.70	37.27	38.53	34.85	32.93	35.31	38.92	39.97	39.98	36.09	32.18	36.51
1931	28.50	28.40	28.88	26.10	23.70	23.33	24.95	28.12	32.50	33.76	30.93	30.55	28.31
1932	23.59	22.46	22.61	20.08	18.84	16.99	18.18	20.31	20.76	20.72	23.80	24.11	21.00
1933	19.85	18.65	18.17	20.66	22.54	22.84	24.53	21.31	23.60	24.04	23.00	20.08	21.66
1934	19.84	25.35	25.35	23.66	24.49	24.88	24.49	27.38	25.78	26.93	29.36	30.95	25.70
1935	34.17	36.20	31.68	34.48	27.31	24.27	23.88	24.99	26.15	28.09	32.26	34.00	29.79
1936	34.57	36.87	32.16	30.97	27.48	29.69	33.57	35.55	34.92	32.88	33.59	34.24	33.05
1937	34.17	34.27	35.82	32.87	32.27	30.94	31.63	32.77	34.98	36.04	38.07	38.89	34.39
1938	33.71	31.13	30.33	27.74	26.36	25.87	26.12	26.25	26.25	26.29	27.27	28.31	27.97
1939	26.29	26.25	24.30	23.11	23.64	—	—	—	—	—	—	—	—
Chicago:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929	46.59	49.22	47.63	44.14	42.06	42.38	41.31	42.50	44.93	43.96	41.31	39.32	43.78
1930	35.10	35.30	37.25	37.23	33.72	32.09	34.59	37.98	38.16	37.75	33.70	30.51	35.28
1931	27.35	27.15	28.69	24.37	22.87	22.30	23.85	27.19	30.29	32.18	29.75	29.15	27.05
1932	23.02	21.63	22.05	18.98	17.11	16.29	17.71	19.43	20.03	19.79	22.10	22.67	20.07
1933	18.78	17.83	17.63	19.78	21.76	22.36	20.58	22.67	23.01	22.61	18.65	20.79	—
1934	19.36	24.35	24.52	22.40	23.22	24.22	23.63	26.34	24.86	25.91	29.00	29.50	24.81
1935	32.61	34.98	30.78	32.81	25.06	23.50	23.59	24.38	27.99	27.15	31.52	33.10	28.78
1936	33.60	35.63	31.15	29.71	26.31	28.88	33.41	34.91	33.93	31.99	32.60	33.11	32.05
1937	33.04	33.35	35.00	31.16	30.30	30.00	30.72	31.95	34.11	34.89	36.98	37.34	33.23
1938	32.57	30.09	29.29	26.90	25.57	25.28	25.39	25.50	25.50	25.54	26.51	27.37	27.13
1939	25.52	25.50	23.74	21.95	22.77	—	—	—	—	—	—	—	—
Philadelphia:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929	48.69	50.51	49.22	46.34	44.54	44.55	43.42	44.45	47.22	46.56	43.78	42.10	45.95
1930	37.66	36.48	38.10	39.53	35.87	33.94	36.32	39.02	40.78	40.96	37.11	33.17	37.49
1931	29.50	29.40	29.88	27.09	24.70	24.33	25.96	29.11	33.50	34.76	31.93	31.58	29.91
1932	24.64	23.43	23.63	21.05	19.84	17.90	19.18	21.31	21.77	21.73	24.30	25.11	22.00
1933	20.88	19.65	19.09	21.62	23.51	23.59	25.51	22.29	24.60	25.04	24.40	20.85	22.59
1934	20.84	26.35	26.35	24.66	25.48	25.89	25.49	28.38	26.78	27.93	30.38	31.95	26.71
1935	35.15	37.20	32.68	35.47	28.31	25.27	24.88	25.99	27.11	29.09	33.14	35.00	30.77
1936	35.38	37.83	32.85	31.21	28.23	30.39	34.10	36.05	35.62	33.39	34.22	34.82	33.67
1937	34.67	34.76	36.31	33.62	33.20	31.17	32.08	33.28	35.48	36.54	38.53	39.41	34.92
1938	34.21	31.56	30.72	27.96	26.83	25.98	26.00	26.00	26.14	26.60	27.77	28.90	28.23
1939	26.67	26.34	24.59	23.49	24.00	—	—	—	—	—	—	—	—
Boston:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929	47.87	49.98	48.85	46.22	44.02	44.06	42.77	43.98	46.47	45.69	42.85	41.36	45.34
1930	37.08	36.48	37.82	39.04	35.42	33.38	35.73	39.38	39.94	39.96	36.17	32.56	36.91
1931	29.10	28.91	29.38	26.73	24.30	23.97	25.48	28.27	32.50	34.15	31.41	31.00	28.77
1932	24.41	23.33	23.19	20.65	19.15	17.64	19.02	20.77	21.25	21.21	23.75	24.71	21.59
1933	20.54	19.28	19.12	21.50	22.25	23.78	25.54	22.27	24.06	24.88	24.50	20.91	22.47
1934	20.90	26.30	26.41	24.58	25.70	25.86	25.45	28.20	26.62	27.52	29.01	31.63	26.59
1935	34.63	37.00	32.96	35.48	28.30	25.18	24.88	25.83	26.82	28.77	32.93	34.79	30.61
1936	35.21	37.34	32.74	31.63	28.01	30.21	34.21	36.33	35.54	33.32	34.14	34.75	33.62
1937	34.43	34.77	36.33	33.49	32.71	31.44	32.19	33.40	35.38	36.38	38.54	39.35	34.87
1938	34.22	31.51	30.65	28.22	26.87	26.45	26.60	26.29	26.28	26.61	27.71	29.05	28.37
1939	27.03	26.74	24.67	23.39	24.06	—	—	—	—	—	—	—	—
San Francisco:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929	45.87	47.45	44.56	43.13	45.02	44.82	44.98	46.11	48.65	48.20	48.00	41.65	45.71
1930	36.46	37.64	37.69	38.75	36.80	34.00	33.94	37.21	38.96	37.12	34.11	33.06	36.31
1931	26.19	28.46	28.23	24.55	25.34	25.00	26.17	29.63	30.54	31.88	32.00	29.70	28.13
1932	24.44	24.70	22.87	20.00	19.48	17.92	18.88	20.74	21.00	21.88	25.65	26.85	21.98
1933	20.12	18.82	19.31	20.60	22.92	23.00	24.00	21.35	20.58	20.84	22.22	19.58	21.11
1934	18.75	23.84	23.37	21.16	21.10	22.50	23.12	26.50	27.66	29.04	32.74	30.86	25.05
1935	32.62	34.73	30.26	28.54	27.04	26.66	25.94	27.59	28.43	30.58	33.96	35.28	30.13
1936	34.88	35.07	31.37	30.63	28.60	31.35	35.75	37.17	36.73	34.58	33.90	33.36	33.61
1937	33.77	34.20	37.26	32.75	32.48	32.77	33.60	34.19	35.81	35.80	36.27	35.66	34.64
1938	33.10	30.73	29.24	26.31	26.00	26.17	26.68	26.76	26.77	28.52	28.72	30.27	28.27
1939	27.60	27.32	25.72	24.38	24.83	—	—	—	—	—	—	—	—

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the markets. These wholesale prices are based on open-market sales for cash or short-time credit, consideration being given to the prices at which the larger quantities are sold. Data for earlier years in 1925 Yearbook, table 501.

TABLE 548.—*Butter, creamery: Wholesale price per pound, all scores, New York and Chicago, 1938*¹

Month	NEW YORK						Centralizer carlots		
	93	92	91	90	89	88	90	89	88
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
January	34.46	33.71	33.42	32.88	32.41	-----	-----	-----	-----
February	31.86	31.13	30.86	30.56	-----	-----	-----	-----	-----
March	30.96	30.33	30.02	29.71	-----	-----	-----	-----	-----
April	28.33	27.74	27.14	26.45	25.74	-----	-----	-----	-----
May	27.03	26.36	25.89	25.23	24.60	-----	-----	-----	-----
June	26.57	25.87	25.41	25.03	24.04	-----	-----	-----	-----
July	26.80	26.12	25.87	25.62	24.87	-----	-----	-----	-----
August	26.85	26.25	26.00	25.75	24.94	-----	-----	-----	-----
September	26.85	26.25	26.00	25.75	24.57	-----	-----	-----	-----
October	26.92	26.29	26.00	25.75	24.60	-----	-----	-----	-----
November	27.90	27.27	26.74	26.40	25.75	-----	-----	-----	-----
December	28.94	28.31	27.39	26.88	26.32	-----	-----	-----	-----
Average	28.62	27.97	27.56	27.17	25.78	-----	-----	-----	-----

CHICAGO										
January	33.20	32.57	32.16	31.70	31.17	30.17	31.89	31.17	30.23	-----
February	30.69	30.09	29.67	29.41	29.07	28.49	29.74	29.13	28.58	-----
March	29.93	29.29	28.87	28.66	27.72	27.15	28.82	27.72	27.19	-----
April	27.30	26.90	26.11	25.26	24.04	22.88	25.64	24.17	23.06	-----
May	25.96	25.57	24.95	24.38	23.40	22.54	24.87	23.44	22.65	-----
June	25.67	25.28	24.70	24.25	23.46	22.49	24.87	23.51	22.66	-----
July	25.78	25.39	25.13	24.88	24.13	22.77	25.08	24.15	22.82	-----
August	25.88	25.50	25.25	25.00	24.19	22.03	25.00	24.19	22.03	-----
September	25.88	25.50	25.25	25.00	23.79	22.41	25.00	23.82	22.41	-----
October	25.95	25.54	25.25	25.00	23.87	23.32	25.11	23.91	23.32	-----
November	26.98	26.51	25.91	25.63	25.11	24.45	25.83	25.12	24.45	-----
December	27.75	27.37	26.72	26.36	26.03	25.25	26.70	-----	-----	-----
Average	27.58	27.13	26.66	26.29	25.50	24.50	26.55	25.48	24.49	-----

¹ Principally sales by first-hand receivers to jobbers, chain stores, or other large distributors, in less than carload lots, except as otherwise indicated.

Bureau of Agricultural Economics.

TABLE 549.—*Butter, Danish and New Zealand: Average wholesale price per pound, London, 1929-39*

Description and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Danish:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929	41.6	41.8	38.6	35.5	35.9	37.7	37.7	38.1	42.0	43.0	41.2	38.6	39.3
1930	37.4	38.0	34.3	30.2	28.8	30.2	32.8	31.8	32.6	32.5	29.9	29.7	32.3
1931	29.3	31.9	29.5	26.7	25.8	25.6	25.6	26.9	26.3	23.1	21.8	20.6	26.1
1932	18.7	21.9	20.2	19.4	17.1	16.4	18.1	17.4	19.1	17.9	18.0	17.7	18.5
1933	16.5	16.4	14.9	15.0	16.3	16.6	19.9	20.9	24.4	23.3	26.9	24.9	19.7
1934	20.3	20.7	21.2	19.1	19.4	19.4	19.8	24.0	23.6	24.5	26.7	27.2	22.1
1935	28.8	28.0	22.2	21.2	20.3	22.2	22.6	24.4	27.7	28.5	27.3	28.2	24.6
1936	28.6	28.8	27.1	23.2	23.3	25.8	28.0	28.7	28.1	28.7	26.6	24.8	26.5
1937	24.8	26.2	27.5	25.2	24.3	25.3	26.6	28.0	30.1	32.3	33.5	33.9	28.1
1938	29.5	28.5	26.9	28.0	28.8	27.4	27.3	28.3	29.2	27.7	29.0	30.0	28.4
1939	29.4	30.5	28.9	26.7	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Zealand, finest:													
1929	40.0	38.8	36.2	35.5	35.9	36.6	37.0	37.2	38.7	39.4	37.2	35.3	37.3
1930	33.7	32.3	29.5	27.4	28.0	28.6	29.8	28.7	27.3	24.9	23.2	23.8	28.1
1931	24.9	26.0	25.6	23.6	23.9	23.9	24.5	24.5	22.7	20.7	18.3	15.2	22.8
1932	15.0	16.4	17.7	17.6	15.8	15.8	16.6	16.8	17.4	16.1	13.6	12.3	15.9
1933	12.3	11.8	11.2	10.9	13.7	14.8	16.4	17.9	21.2	20.2	18.8	15.8	15.4
1934	14.9	15.7	16.4	16.1	17.3	17.6	16.9	18.1	16.3	15.0	16.5	15.9	16.4
1935	17.9	18.7	15.8	16.6	17.2	19.2	19.9	21.1	24.4	23.6	22.4	19.8	19.9
1936	21.0	20.8	18.6	19.4	21.3	24.2	25.6	26.7	24.1	21.6	23.6	21.7	22.4
1937	20.6	18.8	20.9	23.0	23.6	24.2	25.3	25.8	26.5	30.7	29.2	25.2	24.5
1938	24.6	25.1	26.0	27.6	28.6	27.0	26.8	26.4	25.7	24.3	22.7	22.9	25.6
1939	25.4	25.3	24.5	23.8	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Average of 3 weeks.

Bureau of Agricultural Economics. Compiled in shillings per hundredweight (112 pounds) as follows: January 1929-April 1929, The Grocer and Oil Trade Review, London, weekly (average of Saturday quotations); May 1929 to date, Weekly Dairy Produce Notes, London (average of quotations for Thursday and up to 11:30 a. m. Friday). Series converted to cents per pound at current monthly rates of exchange as reported by the Federal Reserve Board. Annual averages computed from monthly prices carried to 2 decimals.

TABLE 550.—Butter: Average wholesale price per pound in Denmark and New Zealand, 1929-39

Description, market, and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Danish, export, at Copenhagen:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	38.9	38.9	35.5	32.6	33.3	34.7	35.1	35.4	39.4	40.4	38.7	35.9	36.6
1930.....	34.8	35.2	31.7	27.4	26.3	27.6	30.3	29.2	29.8	30.0	27.2	27.2	29.7
1931.....	26.4	29.5	26.9	24.3	23.3	23.3	23.1	24.4	24.2	21.2	19.6	18.8	23.7
1932.....	16.7	19.8	16.3	15.6	13.6	13.2	14.8	14.0	15.7	14.7	14.5	13.7	15.2
1933.....	12.2	12.3	11.0	10.8	11.9	12.2	14.8	16.2	19.0	18.1	21.0	19.1	14.9
1934.....	14.3	14.8	15.0	13.0	13.6	13.7	14.1	18.2	18.2	18.9	21.1	21.5	16.4
1935.....	20.2	19.5	16.6	15.6	14.7	16.4	17.0	18.8	22.5	23.1	22.0	22.6	19.1
1936.....	20.9	23.2	21.5	17.4	17.7	20.2	22.2	23.0	22.5	21.3	21.2	19.0	20.8
1937.....	19.3	20.7	21.8	19.5	18.7	19.7	21.2	22.7	24.5	26.6	27.5	27.8	22.5
1938.....	23.8	22.8	21.3	22.0	23.0	21.9	21.9	22.7	23.6	22.2	23.5	24.6	22.8
1939.....	24.0	25.1	23.5	21.4	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Zealand, creamery, first grade, average 4 centers:													
1929.....	38.8	39.1	37.6	36.8	37.3	37.6	37.7	37.5	37.5	38.4	38.2	36.8	37.8
1930.....	35.9	35.7	33.3	31.0	30.5	31.0	30.4	29.9	29.4	27.4	24.9	23.0	30.2
1931.....	24.2	24.9	26.8	26.3	25.9	24.5	24.5	24.5	22.4	19.2	18.4	16.0	23.1
1932.....	16.0	15.4	16.9	17.8	16.8	15.9	15.5	15.8	16.5	16.8	14.3	12.2	15.8
1933.....	11.9	12.2	11.8	11.0	13.2	14.5	18.6	17.2	18.6	18.8	18.8	16.2	15.2
1934.....	15.8	15.1	17.4	17.6	16.6	17.6	18.0	18.6	18.3	15.0	16.6	16.1	16.9
1935.....	16.6	19.8	19.1	18.6	18.6	20.1	21.4	21.1	22.2	24.5	23.0	20.9	20.5
1936.....	20.7	21.3	20.0	20.7	21.6	24.4	25.6	25.6	23.7	21.7	21.7	21.7	22.4
1937.....	22.2	22.1	22.1	23.0	23.2	23.1	23.3	23.3	23.6	24.0	24.2	24.2	23.2
1938.....	24.2	24.4	24.1	24.2	24.1	24.1	23.9	22.0	23.3	23.0	22.8	25.7	23.8
1939.....	25.7	25.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics. Compiled in original currencies and units as follows: Denmark—Danish Butter Journal (Smør Tidende), Copenhagen, weekly. Average of official quotations as fixed each Thursday by 2 committees, representing dairy and commercial interests, respectively. New Zealand—1929-30, New Zealand Statistical Report, Wellington, annual. 1931-39, monthly reports of Government Statistician at Wellington, received by letter. Average of wholesale prices on 1st and 15th of each month through February 1933. Beginning March 1933, prices are for 15th of month. The series is an average of prices at the following centers: Auckland, Wellington, Christchurch, and Dunedin.

Prices converted to cents per pound at current monthly rates of exchange (beginning March 1933 New Zealand prices converted at exchange rates for 15th of month). Annual averages computed from monthly prices carried to 2 decimals. For Danish butter prices for years 1882-1928, see the 1923 Yearbook, table 450, and 1928 Yearbook, table 467.

TABLE 551.—Butter: International trade, averages 1926-34, annual 1935-37.

Country	Average 1925-29		Average 1930-34		1935		1936		1937 1	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES										
Denmark.....	1,000 pounds 310,967	1,000 pounds 1,886	1,000 pounds 352,286	1,000 pounds 938	1,000 pounds 305,019	1,000 pounds 0	1,000 pounds 332,322	1,000 pounds 185	1,000 pounds 337,107	1,000 pounds 176
New Zealand.....	156,179	6	253,302	3	312,401	1	313,168	1	333,322	2
Australia.....	100,464	3,448	200,994	2	256,765	2	185,634	4	182,913	99
Netherlands.....	100,310	4,648	70,769	5,045	103,146	429	132,684	71	118,645	0
Union of Soviet Socialist Republics.....	62,901	0	65,000	0	64,800	0	61,066	0	32,236	0
Canada.....	58,161	0	41,039	0	14,970	249	22,639	2	19,359	2
Ireland.....	37,409	6,217	44,634	1,883	44,669	1,340	42,037	414	47,885	0
Sweden.....	37,409	133	44,133	33	44,669	1,340	42,037	414	47,885	0
Finland.....	31,509	42	31,756	286	22,581	0	30,836	0	30,732	0
Latvia.....	24,641	29	38,410	15	37,073	0	38,119	0	42,353	0
Estonia.....	21,439	6	26,624	1	23,893	0	24,152	0	29,096	0
Poland.....	17,426	350	14,044	192	12,535	0	24,045	0	17,878	0
France.....	15,492	6,600	8,174	21,962	11,605	1,510	12,680	4,251	6,629	1,405
United Kingdom.....	15,492	2,921	3,639	646	5,057	17	7,801	13	7,637	12
Union of South Africa.....	835	2,425	3,531	1,910	8,362	1,947	9,269	2,643	7,215	5,824
Yugoslavia.....	571	2	469	0	8,362	0	424	0	443	0
Norway.....	421	1,846	1,149	430	416	5	424	0	443	0
Total.....	990,517	30,459	1,203,645	33,356	1,284,298	5,542	953,246	7,595	1,260,199	7,259
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	1,465	617,350	1,296	912,953	1,398	1,061,827	1,253	1,082,967	1,408	1,041,843
Germany.....	775	246,010	270	18,891	1	1,061,827	1,253	1,082,967	1,408	1,041,843
Switzerland.....	155	18,070	13	10,421	4	1,061,827	1,253	1,082,967	1,408	1,041,843
Canada.....	8,510	14,638	4,046	9,183	7,697	149	5,129	6	8	66
Netherlands India.....	0	9,758	0	12,233	0	13,857	0	12,291	0	4,067
United States.....	4,538	6,227	1,791	1,529	958	22,675	836	9,874	800	7,244
Belgium.....	2,470	5,856	1,615	31,949	68	13,304	68	8,141	44	4,969
Belgium.....	53	2,341	166	133	133	1,897	2,412	2,412	14	2,038
France.....	47	2,084	43	4,180	25	4,767	10	4,394	0	0
British Malaya.....	157	1,780	145	1,143	217	303	2,544	2,544	369	2,327
Cuba.....	5	1,708	45	293	217	303	2,544	2,544	369	2,327
Peru.....	6	1,708	45	293	217	303	2,544	2,544	369	2,327
China.....	0	1,600	0	1,400	0	1,754	0	336	0	385
Italy.....	4,043	1,000	1,014	3,759	437	1,764	1,222	940	1,501	5,114
Greece.....	0	1,251	0	1,195	0	1,015	0	781	0	667
Philippine Islands.....	0	1,290	0	1,466	0	1,570	0	1,890	0	1,325
Czechoslovakia.....	605	1,174	303	2,250	6	2,928	379	496	1,587	1,676

Trinidad and Tobago.....	0	1,139	0	1,159	0	1,290	0	1,783	0
Spain.....	328	363	66	130	26	78			
Total.....	22,708	999,027	10,717	1,185,107	11,294	1,287,031	9,961	1,298,859	1,276,672

¹ Preliminary.

² Excess of reexports over imports.

³ International Yearbook of Agricultural Statistics.

⁴ According to the Trade and Commerce of Certain Foreign Countries and British Countries Overseas.

⁵ Java and Madura only.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Butter includes all butter made from milk, and melted and renovated butter, but does not include margarine, cocoa butter, or ghee.

TABLE 552.—*Cheese, whole-milk American Cheddar: Production in factories, United States, 1928-37*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1928...	18,010	19,006	23,451	28,221	37,324	45,012	40,072	34,229	30,342	25,134	18,013	16,440	335,253
1929...	19,925	19,522	24,059	30,181	42,483	51,702	48,007	37,811	30,824	25,961	19,655	20,184	370,314
1930...	23,666	23,031	28,502	34,143	48,545	53,887	45,582	33,535	26,705	23,581	18,781	18,838	378,816
1931...	21,941	22,018	27,571	32,940	44,439	49,513	40,593	32,956	29,139	30,470	23,016	20,050	374,648
1932...	20,895	21,993	25,484	29,706	41,933	48,534	40,205	34,796	31,510	29,267	23,601	22,819	370,743
1933...	24,877	23,868	28,571	32,356	43,564	54,653	48,206	42,857	35,620	29,864	21,016	23,179	408,631
1934...	24,573	24,867	30,915	36,546	48,858	55,610	51,126	45,211	37,983	33,987	24,824	20,991	435,491
1935...	22,197	21,919	26,914	32,825	48,926	60,560	55,238	53,101	49,053	42,114	28,811	27,341	468,999
1936...	28,881	26,211	30,804	35,324	53,008	64,145	51,029	45,228	44,933	45,629	33,088	29,296	487,576
1937...	28,515	27,765	32,262	39,061	56,268	64,454	55,706	48,824	42,701	38,875	30,209	27,401	492,041

•Bureau of Agricultural Economics. Figures beginning with the year 1929 are the most complete since these reports were inaugurated in 1918. Some allowance, therefore, should be made for this when comparing production since 1929 with that of previous years. Data for earlier years in 1928 Yearbook, table 468.

TABLE 553.—*Cheese, whole-milk American Cheddar: Production in factories, by States, average 1931-35, annual 1936 and 1937*

State	Average, 1931-35	1936	1937	State	Average, 1931-35	1936	1937
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	55	2	42	Kentucky.....	3,462	5,396	5,989
Vermont.....	312	1,106	1,222	Tennessee.....	3,478	7,439	8,508
New York.....	24,344	22,079	29,542	Alabama.....	901	1,609	1,972
Pennsylvania.....	1,633	1,312	1,330	Mississippi.....	5,960	7,822	9,292
Ohio.....	2,729	8,513	9,075	Arkansas.....	1,308	2,243	3,279
Indiana.....	17,666	24,305	26,107	Louisiana.....	17	719	416
Illinois.....	10,644	19,091	26,656	Oklahoma.....	4,293	6,041	7,266
Michigan.....	8,467	12,509	12,639	Texas.....	6,961	13,139	15,554
Wisconsin.....	246,502	270,193	243,003	Montana.....	1,801	1,648	1,087
Minnesota.....	9,060	11,595	13,298	Idaho.....	5,807	7,066	8,240
Iowa.....	1,632	4,339	4,011	Wyoming.....	1,092	735	403
Missouri.....	5,017	7,596	9,637	Colorado.....	2,099	1,946	1,411
North Dakota.....	89	.....	859	New Mexico.....	115	60	260
South Dakota.....	894	1,040	.....	Arizona.....	4,020	4,925	3,626
Nebraska.....	1,592	1,411	1,571	Washington.....	7,675	8,289	8,865
Kansas.....	6,113	6,331	6,594	Oregon.....	15,822	16,332	19,076
Maryland.....	3	.....	.....	California.....	9,258	9,584	9,174
Virginia.....	192	42	41	Total.....	411,702	487,576	492,041
West Virginia.....	.....	.....	211				
North Carolina.....	377	424	441				
South Carolina.....	118	183	194				
Georgia.....	30	273	433				

Bureau of Agricultural Economics.

TABLE 554.—*Cheese: Receipts, gross weight, at 5 markets, 1919-38¹*

Year	New York	Chicago	Philadelphia	Boston	San Francisco	Year	New York	Chicago	Philadelphia	Boston	San Francisco
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.		1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1919.....	65,045	81,019	21,392	17,722	12,089	1929.....	50,911	80,823	19,973	14,899	12,293
1920.....	47,004	81,597	16,866	12,997	10,203	1930.....	52,165	58,866	21,167	16,882	15,119
1921.....	51,981	85,849	20,952	13,208	9,632	1931.....	56,005	41,455	20,949	17,240	12,907
1922.....	50,109	107,724	19,324	13,521	9,157	1932.....	61,195	42,804	22,081	16,593	14,349
1923.....	49,425	122,645	18,363	15,914	11,690	1933.....	59,850	36,889	23,280	17,680	14,506
1924.....	42,959	130,024	16,866	13,725	11,482	1934.....	69,293	32,880	24,815	19,422	13,648
1925.....	46,163	131,129	19,095	15,314	11,855	1935.....	66,800	33,904	27,566	21,947	15,519
1926.....	45,363	115,104	19,454	15,437	12,530	1936.....	65,887	40,923	27,703	21,962	15,018
1927.....	46,937	123,633	20,396	14,588	12,694	1937.....	61,303	40,365	27,256	17,719	15,528
1928.....	48,272	97,264	21,039	17,362	12,676	1938 ²	74,391	35,062	24,638	13,836	17,697

¹ Gross weight includes container and wrapping.

² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 555.—Cheese: Receipts, gross weight, at 5 markets, by months, 1929-39¹

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
New York:													
1929	3,725	3,854	4,066	3,095	4,576	5,218	5,588	6,074	4,534	3,858	3,502	3,821	50,911
1930	4,094	4,212	3,960	3,977	4,994	6,247	4,956	4,368	4,661	3,881	3,676	3,499	52,165
1931	4,183	3,887	4,395	3,889	4,315	7,099	5,083	5,281	4,545	5,409	4,207	3,712	56,005
1932	4,996	5,158	4,611	3,945	5,134	5,732	6,590	5,850	4,620	5,487	4,922	4,794	61,195
1933	4,338	4,106	2,041	4,904	6,509	5,209	6,589	4,728	4,760	5,027	4,083	4,551	59,850
1934	6,426	5,207	3,844	3,806	6,748	5,959	7,354	7,080	5,294	6,851	6,353	4,371	69,293
1935	5,883	4,722	3,183	4,138	4,365	5,657	7,157	6,216	6,805	6,814	7,044	4,816	66,800
1936	3,727	5,038	5,433	5,153	4,941	8,874	7,996	6,476	4,422	4,173	4,900	4,754	65,887
1937	4,257	4,702	4,303	4,158	4,230	6,294	6,571	7,573	5,617	5,360	3,648	4,590	61,303
1938	4,707	4,711	6,343	5,338	5,859	7,124	8,537	6,883	7,165	6,957	5,082	5,685	74,391
1939	5,278	5,441	5,174	5,175									
Chicago:													
1929	7,262	7,134	5,511	5,619	7,972	8,257	9,048	8,542	6,641	6,053	4,585	4,199	80,823
1930	5,378	4,949	5,066	5,001	5,586	5,702	5,980	5,577	4,906	4,024	3,491	3,206	58,896
1931	4,163	3,087	3,656	3,396	3,220	3,898	4,380	4,153	3,007	3,307	2,932	2,356	41,555
1932	3,177	3,284	3,178	3,201	3,723	4,061	3,942	4,065	3,635	4,230	3,170	3,138	42,804
1933	2,959	2,663	3,222	3,235	3,603	3,818	3,483	2,985	2,611	2,949	2,623	2,738	36,889
1934	2,816	2,985	2,053	2,384	2,966	3,173	3,543	2,593	2,997	2,584	2,279	1,577	32,886
1935	2,705	1,768	2,300	2,411	2,759	3,434	3,642	3,801	3,070	3,352	2,555	2,107	33,904
1936	2,742	3,442	3,481	3,556	3,723	4,773	3,939	3,323	2,883	3,757	2,911	2,393	40,923
1937	2,544	2,210	2,430	2,580	2,333	4,530	4,404	4,573	3,818	4,288	3,571	3,084	40,365
1938	3,204	3,971	4,382	2,527	1,886	3,061	3,055	2,899	3,848	2,786	1,645	1,798	35,082
1939	1,839	2,245	2,501	2,144									
Philadelphia:													
1929	1,220	1,198	1,190	1,602	1,957	1,616	2,265	1,786	2,023	2,105	1,840	1,171	19,973
1930	1,214	1,295	1,927	1,461	1,929	2,268	2,279	1,709	2,214	1,790	1,542	1,539	21,167
1931	1,307	1,538	1,639	1,564	1,935	2,530	1,707	2,225	1,791	2,045	1,334	1,334	20,949
1932	1,434	1,629	1,521	1,618	2,221	2,498	1,973	2,094	1,969	1,950	2,134	1,400	22,081
1933	1,566	1,518	2,250	2,267	2,840	2,009	2,208	1,909	1,728	1,974	1,729	1,282	23,280
1934	2,184	1,808	1,657	1,992	2,588	2,346	2,069	2,708	2,006	1,759	2,032	1,666	24,815
1935	2,288	2,058	1,348	1,780	1,832	2,338	2,260	2,664	2,650	3,054	2,333	1,961	27,566
1936	1,538	2,060	2,848	2,498	2,401	3,133	2,712	2,493	1,751	2,346	2,149	1,774	27,703
1937	2,429	2,359	2,298	2,732	2,097	2,695	2,827	2,624	2,449	2,240	1,308	1,328	27,256
1938	1,682	1,474	2,298	1,794	1,944	2,569	1,832	2,289	2,987	2,685	1,534	1,550	24,638
1939	1,504	1,649	1,956	1,825									
Boston:													
1929	639	978	700	997	1,232	1,078	2,363	1,837	1,108	1,222	917	919	14,899
1930	922	1,189	1,111	1,220	1,330	2,097	1,894	1,764	1,642	1,542	1,178	993	16,882
1931	1,213	1,144	1,155	1,438	1,432	2,427	1,552	1,404	1,734	1,673	1,116	952	17,240
1932	1,045	1,142	1,286	1,093	1,241	1,881	2,013	1,477	1,495	1,263	1,294	1,363	16,953
1933	1,097	975	1,306	1,113	1,425	1,633	2,354	1,392	1,892	1,706	1,558	1,229	17,680
1934	1,563	1,388	1,269	972	1,667	1,791	2,517	2,018	1,407	2,079	1,802	949	19,422
1935	1,726	1,480	1,260	1,121	1,377	1,822	2,566	2,446	2,417	2,398	1,950	1,384	21,947
1936	1,209	1,719	2,099	1,122	1,555	2,617	2,435	1,902	1,903	2,148	1,784	1,469	21,962
1937	1,461	1,355	1,514	1,132	1,267	1,866	2,133	1,757	1,731	1,688	899	916	17,719
1938	967	989	1,315	850	1,035	2,041	1,684	998	854	1,699	836	638	13,836
1939	873	899	967	697									
San Francisco:													
1929	935	713	785	1,018	1,013	1,337	1,284	1,366	983	1,105	985	769	12,263
1930	918	821	1,140	1,367	1,694	1,581	2,326	1,535	1,087	988	896	766	15,119
1931	734	756	872	1,158	1,243	1,526	1,468	1,201	871	1,154	980	950	12,907
1932	710	862	1,163	908	1,653	1,588	1,974	1,369	1,046	1,359	1,005	712	14,340
1933	808	720	906	1,210	1,659	1,320	2,280	1,642	1,180	1,053	773	946	14,506
1934	799	968	1,115	1,399	1,060	1,123	1,004	1,858	1,136	1,084	1,143	959	13,648
1935	924	793	864	1,238	1,470	1,394	1,855	1,560	1,442	1,218	1,541	1,220	15,519
1936	1,200	1,080	1,303	1,069	1,586	1,794	1,397	1,787	1,139	962	780	921	15,018
1937	857	919	1,275	1,337	1,506	1,679	1,285	1,436	1,469	1,399	1,439	927	15,528
1938	1,184	1,078	1,234	1,409	1,741	1,646	1,772	1,649	1,490	1,727	1,440	1,327	17,697
1939	1,259	1,258	1,362	1,316									
5 markets:													
1929	13,781	13,877	12,261	12,331	16,750	18,406	20,548	18,605	15,289	14,343	11,829	10,879	178,899
1930	12,526	12,465	12,904	13,026	15,473	17,895	17,435	14,953	14,510	12,225	10,783	10,003	164,199
1931	11,600	10,400	11,717	11,445	12,145	17,480	14,190	14,264	11,948	13,588	10,569	9,304	148,656
1932	11,362	12,075	11,750	10,765	13,972	15,730	16,492	14,855	12,771	13,329	12,505	11,407	157,022
1933	10,768	9,982	12,725	12,729	16,036	13,989	16,923	12,656	12,171	12,709	10,771	10,746	152,205
1934	13,788	12,366	9,938	10,553	15,029	14,392	16,487	17,257	12,840	14,777	13,609	9,522	160,058
1935	13,526	10,821	8,955	10,688	11,803	14,645	18,480	16,687	16,384	16,876	15,423	11,488	165,736
1936	10,416	13,339	15,164	13,398	14,206	21,191	18,479	15,981	12,058	13,386	12,524	11,311	171,493
1937	11,548	11,545	11,790	11,939	11,433	17,064	17,220	17,863	15,084	14,975	10,865	10,845	162,171
1938	11,764	12,223	15,572	11,918	12,465	16,461	16,880	14,718	16,344	15,764	10,537	10,998	165,644
1939	10,753	11,492	11,960	11,157									

¹ Gross weight includes container and wrapping.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 556.—*Cheese: Receipts, gross weight, at 5 markets, by State of origin, 1937 and 1938*¹

Market and origin	1937	1938	Market and origin	1937	1938	Market and origin	1937	1938
NEW YORK	1,000 pounds	1,000 pounds	BOSTON—con.	1,000 pounds	1,000 pounds	CHICAGO—con.	1,000 pounds	1,000 pounds
Illinois.....	11,429	10,647	Wisconsin.....	13,444	10,657	Iowa.....	10	48
Indiana.....	520	1,064	Other States.....	33	88	Michigan.....	249	470
Iowa.....	159	74	Canada.....	11	(¹)	Minnesota.....	33	122
Massachusetts.....	53	80	Total.....	17,719	13,836	Missouri.....	6	260
Michigan.....	1,094	1,460	PHILADELPHIA			New Jersey.....	217	344
Minnesota.....	217	99	Illinois.....	3,684	3,181	New York.....	1,632	1,131
Missouri.....	217	49	Indiana.....	85	481	Ohio.....	41	65
New Jersey.....	(²)	19	Iowa.....	1	26	Pennsylvania.....	3	38
New York.....	3,826	4,008	Michigan.....	102	78	Wisconsin.....	28,385	24,259
Ohio.....	944	4,909	Minnesota.....	127	26	Other States.....	146	163
Pennsylvania.....	29	88	New York.....	454	228	Canada.....	50	—
Vermont.....	268	618	Ohio.....	13	48	Total.....	40,365	35,082
Wisconsin.....	41,752	49,667	Pennsylvania.....	1	—	SAN FRANCISCO		
Other States.....	265	955	Wisconsin.....	22,420	20,034	California.....	3,708	4,012
Canada.....	530	97	Other States.....	122	291	Colorado.....	52	39
Total.....	61,303	74,391	Canada.....	247	245	Idaho.....	2,901	4,303
BOSTON			Total.....	27,256	21,638	Illinois.....	326	354
Illinois.....	1,159	1,408	CHICAGO			New York.....	370	369
Indiana.....	167	26	Colorado.....	3	35	Oregon.....	5,070	5,805
Michigan.....	174	145	Illinois.....	8,290	6,894	Washington.....	2,665	265
New York.....	2,666	1,493	Indiana.....	1,300	1,253	Wisconsin.....	2,616	2,505
Ohio.....	32	1				Other States.....	120	45
Pennsylvania.....	—	19				Total.....	15,528	17,097
Vermont.....	33	—						

¹ Gross weight includes container and wrapping.² Not over 500 pounds.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 557.—*Cheese, American, and all varieties: Cold-storage holdings, United States, 1929-39*¹
AMERICAN¹

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	71,177	60,772	52,665	48,175	44,983	50,721	66,640	83,914	90,863	89,797	83,737	76,669
1930.....	68,930	58,972	53,208	46,507	43,239	53,403	74,986	93,773	92,063	90,152	83,674	75,736
1931.....	67,599	58,516	52,304	45,277	44,792	46,764	63,156	73,693	73,740	70,940	69,611	66,053
1932.....	60,804	54,360	47,106	42,009	38,951	40,461	53,922	63,667	66,721	68,555	66,813	62,392
1933.....	57,749	53,532	46,992	41,625	37,321	41,336	67,456	82,771	94,394	99,328	95,831	85,146
1934.....	77,773	65,476	54,394	49,856	52,217	58,073	79,925	97,018	102,808	106,624	102,832	96,688
1935.....	89,878	71,007	60,943	54,769	46,593	48,320	64,595	82,397	92,767	102,861	100,670	92,912
1936.....	86,337	78,197	68,363	62,261	55,756	56,946	70,232	80,735	90,471	98,206	102,847	98,975
1937.....	95,418	88,091	80,713	73,822	70,584	71,603	89,191	100,418	105,026	101,178	97,160	93,633
1938.....	99,258	90,479	73,815	66,361	65,767	79,345	99,676	114,607	127,862	121,423	115,351	106,738
1939.....	102,563	90,401	77,270	68,812	62,866	64,750	80,968	—	—	—	—	—

ALL VARIETIES

1929.....	88,832	77,024	67,087	61,223	57,569	64,177	83,627	102,077	110,314	107,831	100,558	92,553
1930.....	86,075	74,523	67,281	59,928	56,940	72,358	95,221	113,923	112,061	108,767	101,148	91,775
1931.....	83,288	73,486	66,177	57,711	57,422	60,242	77,989	89,264	91,284	88,564	87,386	84,035
1932.....	78,318	70,682	60,962	54,021	50,764	52,118	66,531	76,327	79,847	81,406	78,274	73,916
1933.....	68,714	63,321	55,731	48,806	43,626	48,481	78,715	94,291	108,035	113,131	109,655	99,009
1934.....	91,970	78,789	67,819	62,153	55,450	71,469	96,960	115,842	122,495	127,363	118,008	108,072
1935.....	102,197	81,220	70,156	62,851	54,489	56,767	75,291	94,679	105,851	114,958	111,731	104,661
1936.....	99,672	90,890	79,456	72,952	67,776	70,783	85,798	97,403	107,542	114,960	118,907	114,706
1937.....	110,400	102,112	93,114	85,216	83,096	85,008	105,318	118,235	122,647	117,610	112,687	108,497
1938.....	103,935	93,479	85,656	77,042	76,289	91,160	114,788	134,351	150,248	140,755	132,326	127,440
1939.....	120,174	106,411	91,485	81,653	75,345	79,272	95,439	—	—	—	—	—

¹ Quantities given are net weight.² The term "American cheese" is intended to cover only those varieties known as twins, flats, daisies, Cheddars, longhorns, and square prints. It does not therefore include all kinds of cheese made in the United States.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments. Changes in these tables made due to transference of current trading stocks to cold-storage stocks from Jan. 1, 1928, to Dec. 1, 1931. Data for earlier years in 1928 Yearbook, table 472.

TABLE 558.—*Cheese, No. 1 American, fresh single daisies: Wholesale price per pound, New York, 1929-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	25	24	24	24	23	22	22	23	24	24	24	23	23.6
1930.....	21	21	21	21	20	18	18	19	20	19	19	18	19.7
1931.....	17	16	16	15	14	14	15	16	17	16	15	14	15.4
1932.....	13	13	13	12	12	11	12	14	14	13	13	13	12.8
1933.....	12	11	11	12	15	15	15	14	13	13	13	12	13.1
1934.....	13	16	15	13	14	15	13	15	14	14	15	15	14.2
1935.....	17	18	17	17	16	15	15	16	16	17	18	19	16.8
1936.....	18	17	17	15	15	17	20	21	20	10	18	18	17.9
1937.....	18	18	18	17	17	17	18	19	19	20	20	19	18.3
1938.....	18	17	16	15	15	15	15	14	13	15	14	15	15.1
1939.....	14	14	14	14									

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the market. These wholesale prices are based upon open market sales made for cash or short-time credit, consideration being given to the prices at which the larger quantities are sold.

TABLE 559.—*Cheese, full cream, factory, first grade: Average wholesale price per pound, average of 4 centers, New Zealand, 1929-39*¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	21.0	20.8	20.5	19.9	19.7	19.5	19.4	19.3	19.5	19.3	18.8	18.8	19.7
1930.....	18.4	18.4	17.3	16.5	17.0	16.9	17.0	17.1	16.9	16.5	15.4	15.2	16.9
1931.....	14.2	13.8	13.4	13.4	12.0	11.1	11.5	12.0	11.6	10.3	9.9	8.7	11.8
1932.....	8.8	8.9	9.3	9.6	9.4	9.0	8.8	8.6	8.6	8.4	8.4	8.1	8.8
1933.....	7.6	7.1	6.9	6.6	7.9	8.4	9.9	9.2	9.7	9.4	10.7	9.8	8.6
1934.....	9.8	9.2	9.8	9.4	9.4	9.7	9.6	10.2	9.6	9.7	10.0	9.5	9.7
1935.....	9.3	9.7	9.5	9.7	9.7	9.8	9.9	9.9	9.9	10.6	10.7	10.3	9.9
1936.....	10.4	10.9	10.8	10.7	10.8	10.9	12.2	12.2	12.7	12.7	12.3	12.3	11.6
1937.....	12.3	12.3	12.3	12.3	12.4	12.4	12.9	12.9	13.2	13.7	14.2	14.2	12.9
1938.....	14.2	14.3	14.2	14.2	14.1	14.6	14.4	14.3	14.1	15.0	14.5	14.4	14.4
1939.....	12.3	12.4											

¹ Auckland, Wellington, Christchurch, and Dunedin. (Dunedin not included prior to 1931.)

Bureau of Agricultural Economics. Compiled in New Zealand shillings and pence per pound, as follows: 1929-30, New Zealand Statistical Report, Wellington, annual. 1931-39, monthly reports of Government Statistician at Wellington, received by letter. Average of wholesale prices on 1st and 15th of each month through February 1933. Beginning March 1933 prices are for 15th of month.

Prices converted to cents per pound at current monthly rates of exchange through February 1933. Beginning March 1933, converted at exchange rates for 15th of month. Annual averages computed from monthly prices carried to 2 decimals.

TABLE 560.—Cheese: International trade, averages 1925-34, annual 1935-37

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Netherlands.....	198,043	1,292	168,608	1,239	134,596	836	125,309	869	138,043	813
New Zealand.....	171,975		206,241	4	193,496	1	185,719	1	184,493	1
Canada.....	120,606	3,419	77,446	1,263	55,719	1,274	81,890	1,240	88,955	1,410
Italy.....	76,435	9,818	68,877	10,313	61,221	10,656	42,841	7,901	53,757	9,451
Switzerland.....	64,236	3,538	49,728	5,319	40,246	3,852	40,736	3,505	38,913	3,555
Denmark.....	14,740	972	14,531	338	14,689	29	21,003	21	20,667	29
Czecho-Slovakia.....	7,843	2,450	6,028	3,071	1,814	2,661	1,553	2,555	2,430	2,602
Australia ²	6,724	1,212	9,360	75	16,003	75	13,058	99	18,688	123
Finland.....	5,951	42	7,083	34	9,366	22	10,864	26	14,574	33
Yugoslavia.....	4,787	318	3,734	164	4,381	58	4,897	54	4,142	57
Bulgaria.....	2,150	18	2,688	3	4,224	0	4,296	0	3,028	1
Hungary.....	1,870	1,720	852	314	938	47	1,065	6	1,176	4
Austria.....	1,769	7,056	4,661	3,789	7,366	1,734	8,620	1,882	10,632	2,025
Norway.....	625	1,191	3,236	393	3,167	254	3,405	270	3,708	430
Argentina.....	861	3,681	1,729	1,289	3,285	86	2,813	86	3,267	128
Union of South Africa.....	342	530	1,628	382	2,723	433	1,444	469	1,668	625
Total.....	679,257	37,261	626,430	27,990	553,224	22,023	549,423	18,984	588,041	21,290
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	4,509	331,101	3,940	333,470	2,579	300,773	3,255	297,014	3,581	326,575
Germany.....	3,311	149,025	4,602	106,391	728	61,661	261	61,507	228	81,341
United States.....	4,350	75,680	1,541	156,371	1,152	48,933	1,136	50,849	1,156	60,650
Belgium.....	1,173	38,709	589	48,745	355	50,739	366	50,849	368	49,971
France.....	31,257	37,037	26,611	47,934	24,628	32,502	23,646	30,450	24,639	29,332
Algeria.....	220	7,496	162	10,995	118	11,305	84	11,026	50	10,401
Spain.....	89	7,109	195	5,431	108	2,523				
Egypt.....	152	6,870	183	6,549	153	7,319	120	7,747		
Cuba.....	4	4,794	5	1,113	9	392	23	365	67	7,199
Greece.....	40	3,942	740	1,809	182	1,120	705	370	904	679
Ireland.....	271	2,567	192	1,535	1,024	65	1,815	87	1,871	144
Netherland India.....	0	1,881	0	2,100	0	2,341	0	2,161	0	1,888
Mexico.....	126	1,808	18	686	55	644	4	1,003		
Brazil.....	0	1,472	0	579	0	333	8	324	2	406
Sweden.....	474	1,405	369	1,294	273	2,499	516	3,527	771	2,400
Tunisia.....	21	1,847	42	2,293	45	2,630	119	2,859	52	2,661
British India.....	6	1,231	5	1,051	3	1,270	2	1,181	3	1,240
Union of Soviet Socialist Republics.....	*1,390	*110	224	*1,806	57	542	*90	*756	71	55
Total.....	47,394	673,554	39,418	628,242	31,460	527,591	31,850	531,075	33,763	574,842

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Imports for consumption beginning 1934.⁴ Java and Madura only.⁵ Imports for 1934 only.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. All cheese made from milk, including cottage cheese.

TABLE 561.—Oleomargarine: Average wholesale price per pound, Chicago, 1929-39

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	21.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.2	19.5	20.5
1930.....	19.5	19.5	19.5	19.5	19.5	19.5	18.7	18.5	18.5	18.5	18.5	17.7	19.0
1931.....	17.5	15.9	14.0	13.8	12.8	12.5	12.1	12.0	13.6	14.1	14.8	14.9	14.0
1932.....	14.2	*1.2	11.0	11.0	11.0	11.0	10.6	10.8	11.0	11.0	11.0	11.0	11.2
1933.....	11.0	9.5	9.2	9.6	10.9	11.0	11.0	11.0	11.0	10.9	9.2	8.5	10.2
1934.....	8.5	8.8	9.5	8.8	8.5	9.2	9.5	9.5	10.5	11.3	11.6	11.9	9.8
1935.....	13.4	14.0	15.5	15.5	15.5	15.5	15.0	14.5	14.5	15.7	16.0	16.0	15.1
1936.....	15.0	16.0	16.0	15.8	14.5	14.0	14.0	14.9	15.3	18.5	15.5	15.6	15.3
1937.....	16.4	16.5	16.5	16.4	15.4	15.4	15.0	15.0	15.0	15.0	15.0	15.0	15.6
1938.....	15.0	14.5	14.5	14.5	13.8	13.4	14.5	15.7	15.5	15.0	14.9	14.2	14.6
1939.....	14.0	14.0	14.0	14.0									

Bureau of Agricultural Economics. Compiled from the National Provisioner, weekly. The computed price is an average of the weekly prices shown for the specified product. Quoted as white, animal fat, in 1-pound cartons, rolls, or prints.

TABLE 562.—*Oleomargarine: Production in the United States as reported by the Bureaus of Agricultural Economics and Internal Revenue, 1929-38*

Year	Bureau of Agricultural Economics ¹							Bureau of Internal Revenue, total uncolored and colored ¹
	Uncolored			Colored			Total, uncolored and colored ¹	
	Vegetable and nut oil	Com-bined animal and vegetable	Total	Vegetable and nut oil	Com-bined animal and vegetable	Total		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		
1929.....	215,460	109,502	324,962	6,172	11,096	17,268	342,230	356,248
1930.....	211,130	87,017	298,147	4,749	8,859	13,608	311,755	325,660
1931.....	162,931	52,876	215,807	2,150	3,996	6,146	221,953	229,927
1932.....	155,674	38,604	194,278	971	2,467	3,438	197,716	203,232
1933.....	199,008	40,719	239,727	703	1,801	2,504	242,231	245,472
1934.....	207,468	52,511	259,979	792	2,129	2,921	262,900	264,410
1935.....	329,764	46,087	375,851	936	1,890	2,826	378,677	381,633
1936.....	340,137	48,090	388,227	1,252	1,419	2,671	390,898	393,293
1937.....	349,477	40,320	389,797	1,955	748	1,703	391,500	397,380
1938.....	340,300	38,267	378,567	1,026	500	1,526	380,093	385,020

¹ Production reports to the Bureau of Internal Revenue are required by law and are therefore considered to be more accurate than reports to the Bureau of Agricultural Economics which are voluntary, but the latter are useful because they are broken down into special classifications.

Bureau of Agricultural Economics. Figures of this Bureau are from reports of manufacturers. Internal Revenue figures are from annual reports of the Commissioner.

TABLE 563.—*Oleomargarine: Production, withdrawn for export, and withdrawn for consumption, 1909-38*

Year	Production	Withdrawn for export ¹	Withdrawn for consumption		Year	Production	Withdrawn for export ¹	Withdrawn for consumption	
			Total ²	Per capita ³				Total ²	Per capita ³
	1,000 pounds	1,000 pounds	1,000 pounds	Pounds		1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1909.....	115,961	2,673	112,848	1.2	1924.....	231,829	1,156	230,480	2.0
1910.....	147,418	3,057	144,318	1.6	1925.....	233,951	1,304	232,102	2.0
1911.....	105,059	3,242	101,569	1.1	1926.....	242,560	1,901	240,491	2.1
1912.....	142,224	2,839	138,754	1.5	1927.....	277,498	1,928	275,728	2.3
1913.....	152,048	2,402	149,919	1.6	1928.....	316,662	2,047	314,039	2.6
1914.....	141,166	1,836	138,883	1.4	1929.....	356,248	2,163	352,929	2.9
1915.....	141,969	3,532	138,805	1.4	1930.....	325,690	1,869	323,262	2.6
1916.....	187,563	2,664	185,387	1.8	1931.....	229,927	1,847	229,995	1.8
1917.....	287,245	2,666	283,717	2.8	1932.....	203,232	1,621	201,688	1.6
1918.....	350,607	2,969	346,851	3.4	1933.....	245,472	1,499	242,878	1.9
1919.....	368,799	15,428	353,858	3.4	1934.....	264,410	1,595	263,237	2.1
1920.....	369,484	6,101	363,736	3.4	1935.....	381,633	1,429	379,920	3.0
1921.....	215,082	1,454	214,628	2.0	1936.....	393,293	1,197	390,995	3.0
1922.....	184,752	1,099	183,512	1.7	1937.....	397,380	334	397,301	3.0
1923.....	227,580	1,531	226,287	2.0	1938.....	385,020	178	385,078	3.0

¹ All oleomargarine "withdrawn for export" free of tax must be reported to the Bureau of Internal Revenue after having reached destination or the tax will be collected. Exports reported by the Bureau of Foreign and Domestic Commerce may cover various classifications of material.

² Figures are for quantity withdrawn for general use, tax paid (10 cents per pound on colored and 14 cent on uncolored) plus withdrawn free from tax for use of the United States in prisons and other Federal institutions.

³ Based on July 1 population.

Bureau of Agricultural Economics. Compiled and computed from Bureau of Internal Revenue records and Internal Revenue bulletin.

TABLE 504.—Oleomargarine: Materials used in manufacture, United States, 1922-38

Item	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Oleo oil.....	1,000 pounds	4,823	3,022	4,860	5,882	49,508	49,508	38,916	38,916	38,916	38,916	38,916	38,916	38,916	38,916	38,916	38,916
Oleostearine.....	1,000 pounds	4,823	3,022	4,860	5,882	49,508	49,508	38,916	38,916	38,916	38,916	38,916	38,916	38,916	38,916	38,916	38,916
Lard neutral.....	1,000 pounds	26,952	31,205	29,836	29,836	24,199	24,199	24,199	24,199	24,199	24,199	24,199	24,199	24,199	24,199	24,199	24,199
Oleo stock.....	1,000 pounds	1,987	2,557	3,048	3,375	2,678	2,082	1,440	1,108	1,275	9,665	8,410	8,410	8,410	8,410	8,410	8,410
Butter.....	1,000 pounds	1,187	1,751	1,764	1,701	2,285	2,326	2,566	2,996	1,687	330	39	7	11	1	1	1
Edible tallow.....	1,000 pounds	40	40	32	156	219	61	22	6	6	6	6	6	6	6	6	6
Whale oil.....	1,000 pounds	76,270	90,790	89,384	81,294	84,482	80,242	81,774	82,818	84,480	26,061	28,010	54,301	26,235	26,009	18,719	19,989
Total animal ¹	1,000 pounds	14,859	20,457	20,338	24,326	23,448	24,621	26,931	30,175	27,448	16,028	15,098	17,997	95,504	108,106	173,617	142,856
Cottonseed oil.....	1,000 pounds	8,164	5,955	5,096	4,823	5,239	6,682	6,329	6,307	5,787	4,598	2,511	2,635	4,369	4,140	2,880	3,593
Soybean oil.....	1,000 pounds	62	232	413	61	274	82	21	159	37	51	54	341	32	1,238	1,796	566
Corn oil.....	1,000 pounds	62	232	413	61	274	82	21	159	37	51	54	341	32	1,238	1,796	566
Mustard oil.....	1,000 pounds	62	232	413	61	274	82	21	159	37	51	54	341	32	1,238	1,796	566
Vegetable oil.....	1,000 pounds	62	232	413	61	274	82	21	159	37	51	54	341	32	1,238	1,796	566
Soybean stearine ²	1,000 pounds	801	52	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Miscellaneous vegetable oil ³	1,000 pounds	801	52	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total domestic vegetable ⁴	1,000 pounds	23,894	26,758	25,873	29,242	29,430	33,309	36,519	35,688	21,336	17,666	20,580	47,551	105,688	127,745	210,684	186,929
Coconut oil.....	1,000 pounds	83,763	75,914	83,258	90,914	97,642	122,576	139,852	185,507	177,990	133,118	123,219	180,046	174,315	150,465	73,806	89,520
Palau oil.....	1,000 pounds	46	105	115	135	165	165	165	165	165	165	165	165	165	165	165	165
Palm oil.....	1,000 pounds	46	105	115	135	165	165	165	165	165	165	165	165	165	165	165	165
Sesame oil.....	1,000 pounds	105	105	115	135	165	165	165	165	165	165	165	165	165	165	165	165
Sunflower oil.....	1,000 pounds	105	105	115	135	165	165	165	165	165	165	165	165	165	165	165	165
Oilcur oil.....	1,000 pounds	105	105	115	135	165	165	165	165	165	165	165	165	165	165	165	165
Rape oil.....	1,000 pounds	105	105	115	135	165	165	165	165	165	165	165	165	165	165	165	165
Total foreign vegetable ⁵	1,000 pounds	83,763	76,155	83,605	91,873	98,900	123,296	181,112	187,031	178,900	133,799	123,490	150,640	176,738	170,894	9,7423	105,382
Total fats and oils.....	1,000 pounds	113,927	103,703	109,482	121,115	128,330	156,605	217,621	264,719	256,890	206,917	203,709	230,690	272,426	321,639	280,629	312,500
Milk.....	1,000 pounds	63,109	66,796	68,579	71,172	70,235	68,493	68,493	68,493	68,493	68,493	68,493	68,493	68,493	68,493	68,493	68,493
Salt and other miscellaneous.....	1,000 pounds	84,607	80,156	81,692	80,872	80,872	80,872	80,872	80,872	80,872	80,872	80,872	80,872	80,872	80,872	80,872	80,872
Total.....	1,000 pounds	278,509	285,290	291,655	300,747	337,060	394,760	432,884	432,884	395,246	276,683	226,242	272,853	294,118	414,305	422,420	418,145
Grand total.....	1,000 pounds	278,509	285,290	291,655	300,747	337,060	394,760	432,884	432,884	395,246	276,683	226,242	272,853	294,118	414,305	422,420	418,145

¹ Less than 500 pounds.
² Ordinarily domestically produced.
³ Ordinarily domestically produced.
⁴ Includes 1,000 pounds vegetable oil (unnamed). Arbitrarily used as domestic.
⁵ Includes 40,000 pounds vegetable oil (unnamed). Arbitrarily used as domestic.
⁶ Bureau of the Census; probably oil imported from Japan.
⁷ Not domestically produced.
⁸ Includes 2,000 pounds of color.
⁹ Less than 500 pounds for each month.

Total not computed owing to fact that milk and salt were not reported for months February-April.

Bureau of Agricultural Economics. Annual totals on the calendar year basis (as in this table) are not published by the Bureau of Internal Revenue, but are computed by the Bureau of Agricultural Economics from the monthly data published in the semiannual compilations of the Internal Revenue bulletin. Totals for the year ending June 30 are published in the annual report of the Commissioner of Internal Revenue.

TABLE 565.—Oleomargarine: Percentage contributed by important items to the weight of fats and oils (excluding milk) used in manufacture, 1922-38

Item	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Olao oil.....	27.0	25.9	24.8	22.5	22.4	20.9	16.3	15.8	14.0	9.8	7.5	7.5	10.1	5.9	5.6	3.8	4.3
Oleostearine.....	3.0	2.6	2.7	2.6	2.5	2.3	2.3	2.1	2.0	2.2	2.2	2.5	1.6	1.0	1.1	1.0	1.0
Lard neutral.....	17.5	16.1	15.0	12.5	11.6	10.5	9.4	7.4	5.4	5.0	5.0	4.5	3.5	1.0	.7	1.0	.5
Olao stock.....	1.8	1.3	1.5	1.2	1.3	1.9	1.6	1.4	.8	.4	.3	.4	.7	.8	.6	.4	.5
Butter.....	.8	.9	.9	.8	1.1	1.0	1.0	1.0	.6	.2	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Total animal.....	49.6	46.8	44.9	40.2	38.9	35.7	29.3	28.6	23.6	18.0	15.6	14.0	15.9	8.6	8.0	5.7	6.3
Cottonseed oil.....	9.7	10.6	10.2	12.0	11.2	10.4	9.8	9.9	9.9	8.4	9.0	9.0	25.4	32.2	33.3	53.2	45.7
Soybean oil.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	8.3	8.4	(¹)	(¹)	(¹)	.6	4.4	9.8	12.8
Peanut oil.....	5.3	3.1	2.6	2.4	2.5	2.0	2.3	2.1	2.1	2.4	1.5	1.3	1.3	1.4	1.3	.9	1.2
Corn oil.....	.1	.1	.2	(¹)	.1	(¹)	(¹)	(¹)	.1	(¹)	(¹)	.2	(¹)	(¹)	.4	.6	.2
Total domestic vegetable ¹	15.5	13.9	13.0	14.4	13.8	12.4	12.1	12.0	12.9	11.1	10.5	10.5	26.7	34.2	39.4	64.5	56.9
Coconut oil.....	34.9	39.2	41.9	44.9	46.7	51.7	58.2	60.9	64.2	69.5	73.7	75.2	57.4	56.5	46.4	22.6	28.6
Peanut-kernel oil.....	(¹)	(¹)	(¹)	.1	.1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	.1	.1	2.7	5.6
Babao oil.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	5.0	4.5	3.7
Palm oil.....	(¹)	(¹)	(¹)	.4	.4	.2	.4	.5	.3	1.3	.2	.3	(¹)	(¹)	.4	.3	(¹)
Total foreign vegetable ²	34.9	39.3	42.1	45.4	47.3	51.9	58.6	61.4	64.5	70.9	73.9	75.5	57.4	57.2	52.6	29.8	33.8
Total fats.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Less than 0.5 percent.² Ordinarily domestically produced.³ Not domestically produced.

Bureau of Agricultural Economics. Based on figures in table 564. Totals include 0.5 percent or less of edible tallow, whale oil, mustard oil, vegetable stearine, miscellaneous vegetable oil, sesame oil, sunflower oil, ouricuroil, and rape oil in certain years.

TABLE 566.—*Chickens: Number of chickens on farms, Jan. 1, value per head, and total value, by States, 1935-39*

State and division	Number, Jan. 1—					Value per head					Total farm value				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Cents	Cents	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,595	1,598	1,835	1,615	1,752	95	119	114	120	116	1,515	1,866	1,982	1,938	2,038
New Hampshire.....	1,240	1,351	1,524	1,295	1,357	108	128	114	124	114	1,339	1,759	1,737	1,593	1,932
Vermont.....	1,780	1,775	1,853	1,759	1,840	94	113	112	113	111	1,733	1,876	1,965	1,858	1,932
Massachusetts.....	2,644	2,869	3,106	2,858	2,952	112	132	118	128	116	2,961	3,787	3,965	3,658	3,427
Rhode Island.....	2,220	2,359	2,356	2,320	2,331	105	123	118	124	114	1,389	2,017	1,920	1,807	2,033
Connecticut.....	2,049	2,149	2,270	2,207	2,310	105	119	118	124	114	1,201	1,657	1,907	2,011	2,073
New York.....	13,039	14,545	15,523	13,523	14,835	95	117	109	125	119	14,392	18,390	18,465	16,683	14,500
New Jersey.....	8,363	8,363	8,514	8,523	8,589	95	117	102	121	115	4,762	5,990	5,908	5,430	6,033
Pennsylvania.....	17,512	18,239	20,275	18,243	19,317	78	106.7	100.4	101	94	13,659	17,692	19,168	18,480	18,158
North Atlantic.....	44,442	46,301	50,883	46,096	48,759	86.9	107.4	100.4	109.0	101.9	38,622	49,406	51,110	50,240	49,709
Ohio.....	20,600	21,450	22,283	19,832	20,888	61	82	74	86	78	12,566	17,594	16,489	17,056	16,293
Indiana.....	15,038	15,962	16,549	14,875	16,029	85	80	68	82	72	8,329	12,770	11,115	12,198	11,541
Illinois.....	21,081	22,841	23,811	21,597	22,402	83	83	83	83	83	10,821	15,770	15,228	16,434	15,062
Michigan.....	11,712	12,207	13,160	11,712	11,902	62	88	75	89	84	8,535	13,054	11,591	11,922	11,613
Wisconsin.....	14,974	15,919	16,559	14,903	15,464	57	82	70	80	75	8,535	13,054	11,591	11,922	11,613
East North Central.....	84,437	88,475	91,875	82,967	86,745	57.5	82.0	70.3	83.8	75.4	48,775	72,512	64,593	66,565	65,379
Minnesota.....	16,447	17,025	18,289	16,990	18,501	46	70	52	68	68	7,566	12,338	9,500	11,553	10,731
Iowa.....	20,091	20,432	20,712	19,375	20,712	47	77	57	73	67	11,212	22,663	17,357	20,807	20,215
Missouri.....	21,366	20,771	20,185	18,604	21,127	42	70	53	63	59	9,970	13,540	10,895	12,601	12,000
North Dakota.....	3,608	3,623	3,623	3,333	3,816	39	66	44	60	54	2,543	3,540	2,903	3,260	3,088
South Dakota.....	5,900	6,423	6,190	5,765	6,790	40	71	47	68	58	2,520	3,560	2,909	3,520	3,488
Nebraska.....	12,027	12,431	12,925	11,077	12,624	41	69	46	66	60	4,931	8,703	7,046	7,311	7,674
Kansas.....	16,049	15,086	14,784	13,601	15,434	39	64	48	62	56	6,259	9,655	7,966	8,433	8,643
West North Central.....	104,301	105,619	108,733	96,747	108,464	43.8	71.0	52.3	68.9	60.5	45,069	74,999	55,300	66,675	65,627
North Central.....	188,738	194,094	197,608	179,714	195,269	46.9	76.0	60.7	75.8	67.1	94,244	147,511	110,893	136,240	131,006
Delaware.....	1,116	1,115	1,163	1,121	1,229	74	90	82	91	90	829	1,094	975	1,020	1,016
Maryland.....	3,768	3,735	3,845	3,698	3,779	70	89	84	96	86	2,638	3,324	3,230	3,504	3,250
Virginia.....	8,969	9,160	9,893	9,200	9,914	59	78	73	80	74	5,292	7,145	7,282	7,366	7,336
West Virginia.....	4,248	4,303	4,391	4,061	4,286	54	70	68	75	69	2,264	3,012	2,986	3,040	2,957
North Carolina.....	9,070	9,386	10,342	9,405	9,629	55	68	67	74	72	5,079	6,382	6,929	6,900	7,077
South Carolina.....	4,049	4,115	4,360	4,055	4,711	55	65	70	71	70	2,227	2,675	3,038	2,900	3,268
Georgia.....	6,855	7,353	8,102	7,138	8,143	50	57	60	62	62	4,421	4,191	4,601	4,423	4,949
Florida.....	2,278	2,278	2,536	2,385	2,495	65	79	75	79	77	1,451	1,860	1,952	1,884	1,991

	40,353	41,445	44,671	41,083	44,286	57.7	71.3	69.8	75.7	72.0	23,285	29,533	31,166	31,100	31,904
South Atlantic.....															
Kentucky.....	11,284	11,172	11,600	10,499	11,128	46	67	53	62	55	5,131	7,485	6,148	6,809	6,120
Tennessee.....	11,185	10,878	11,240	10,342	10,998	46	61	53	62	60	5,122	6,636	5,957	6,412	6,599
Alabama.....	7,117	7,420	7,727	7,383	8,118	44	52	55	56	56	3,131	3,838	4,327	4,134	4,546
Mississippi.....	6,916	6,780	7,463	7,300	7,642	44	52	55	55	57	2,649	3,278	3,856	4,238	4,173
Arkansas.....	4,214	4,369	5,059	5,133	5,519	43	51	53	52	60	2,141	2,568	2,790	2,720	3,063
Louisiana.....	4,114	4,358	5,073	5,133	5,519	43	51	53	52	60	2,141	2,568	2,790	2,720	3,063
Oklahoma.....	10,139	10,510	10,614	10,332	11,455	38	57	42	54	50	3,843	5,991	4,458	5,579	5,728
Texas.....	21,569	22,356	24,518	23,241	24,535	41	58	48	55	53	8,843	12,966	11,769	12,753	13,004
South Central.....															
Montana.....	79,935	80,981	86,804	81,927	87,894	42.6	57.7	50.0	56.7	53.8	33,993	46,742	43,410	46,458	47,303
Idaho.....	2,088	2,062	1,930	1,770	2,048	44	66	63	72	73	919	1,331	1,216	1,274	1,405
Wyoming.....	2,079	2,382	2,397	2,279	2,397	46	68	66	66	66	966	1,492	1,572	1,504	1,750
Colorado.....	3,725	3,704	3,580	3,380	3,800	42	67	60	65	66	348	480	2,450	2,468	2,577
New Mexico.....	3,527	3,243	3,580	3,380	3,800	42	67	60	65	66	348	480	2,450	2,468	2,577
Arizona.....	1,957	1,018	1,069	1,060	1,171	71	81	72	81	86	1,553	2,673	2,555	2,694	2,633
Utah.....	2,910	2,287	2,541	2,458	2,204	47	72	69	61	66	417	533	494	468	492
Nevada.....	2,235	2,228	2,241	2,235	2,225	64	86	76	77	80	1,039	1,625	1,677	1,499	1,455
Washington.....	6,176	6,438	6,737	6,023	5,383	63	90	81	77	85	3,891	5,150	5,457	4,638	4,576
Oregon.....	3,161	3,046	3,168	2,976	2,834	63	77	80	80	85	1,991	2,345	2,534	2,381	2,409
California.....	14,745	16,593	17,235	16,326	15,136	70	84	80	80	85	10,322	13,913	13,788	13,061	12,866
Western.....	36,590	38,417	40,291	37,753	36,499	60.0	77.9	74.3	74.4	78.9	21,947	29,915	29,932	28,104	28,703
United States.....	389,958	401,298	420,257	396,573	412,647	54.4	75.5	65.6	75.6	69.9	212,071	303,107	275,511	292,142	288,025

Bureau of Agricultural Economics. Revised for all years, 1925-38, since Agricultural Statistics 1938 was published.

TABLE 567.—*Chickens: Number on farms, Jan. 1, and value, United States, 1925-39*

Year	Number			Value per head	Farm value of all chickens
	Hens and pullets	Other chickens	All chickens		
	Thousands	Thousands	Thousands	Cents	1,000 dollars
1925 ¹	390,517	44,481	435,000	92.6	379,011
1926.....	393,849	44,151	438,000	88.5	387,669
1927.....	414,875	46,124	460,999	90.6	417,846
1928.....	427,139	47,858	474,997	85.8	407,574
1929.....	403,774	45,232	449,006	91.1	408,946
1930.....	420,451	48,040	468,491	92.8	434,830
1931.....	401,776	47,967	449,743	70.3	315,968
1932.....	385,826	50,989	436,815	61.5	268,767
1933.....	390,743	53,780	444,523	44.9	199,753
1934.....	385,341	48,596	433,937	42.0	182,424
1935 ¹	350,407	39,551	389,958	54.4	212,071
1936.....	360,687	40,551	401,238	75.5	303,107
1937.....	376,513	43,744	420,257	65.6	275,511
1938.....	350,286	36,287	386,573	75.6	292,142
1939.....	370,788	41,869	412,647	69.9	288,625

¹ United States census data as of Jan. 1.² United States census data as of Apr. 1.

Bureau of Agricultural Economics. Revised for all years, 1925-38, since the 1938 Agricultural Statistics was published.

TABLE 568.—*Chickens: Farm production, disposition, and value, United States, 1925-38*

Year	Number						Farm price per head ⁴	Value of chickens produced	
	Raised ¹	Lost ²	Pro-duced ³	Changes in inven-tory ⁴		Con-sumed in farm house-hold			Sold
				Increase	Decrease				
	Thous-ands	Thous-ands	Thous-ands	Thous-ands	Thous-ands	Thous-ands	Thous-ands	Cents	1,000
1925.....	678,720	52,651	626,069	3,002	-----	231,435	391,632	78.0	478,830
1926.....	718,273	53,679	664,594	22,999	-----	237,165	404,430	84.1	548,828
1927.....	750,444	56,787	693,657	13,998	-----	243,217	436,442	76.3	521,644
1928.....	700,033	60,116	639,917	-----	25,991	231,166	434,742	80.5	608,795
1929.....	751,051	58,723	692,328	19,485	-----	235,671	437,172	85.6	585,777
1930.....	776,971	62,591	714,380	-----	18,748	244,127	480,001	68.1	482,103
1931.....	709,425	62,846	646,579	-----	12,928	230,970	428,537	60.1	483,215
1932.....	735,510	62,891	672,619	7,708	-----	246,531	418,280	45.3	386,858
1933.....	750,090	65,161	684,929	-----	10,888	254,388	441,127	36.4	243,971
1934.....	669,263	64,752	604,511	-----	43,979	238,510	409,980	42.6	263,394
1935.....	690,579	58,214	632,365	11,280	-----	238,197	382,888	56.6	350,083
1936.....	764,092	61,025	703,067	19,019	-----	255,289	428,750	60.4	416,444
1937.....	648,266	70,565	577,701	-----	33,684	232,568	378,817	63.5	359,061
1938.....	716,199	69,499	646,700	26,074	-----	240,128	380,498	59.3	372,836

¹ Does not include young chickens lost.² Loss during the year of chickens on hand Jan. 1.³ Chickens sold plus consumed in farm household, and the plus or minus change in inventory.⁴ Change in inventory numbers during the year.⁵ Weighted average of monthly prices per pound received by farmers, times average weight of chickens sold.

Bureau of Agricultural Economics. Revised for all years, 1925-37, since 1938 Agricultural Statistics was published.

TABLE 569.—Chickens: Number produced and price per head received by farmers, by States, 1934-38

State and division	Number produced					Price per head				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	Cents	Cents	Cents	Cents
Maine.....	3,211	3,302	4,147	3,459	3,689	60	72	80	71	80
New Hampshire.....	3,341	3,796	4,735	3,919	4,436	59	69	76	71	69
Vermont.....	1,255	1,293	1,614	1,312	1,517	59	73	83	77	79
Massachusetts.....	6,316	7,014	8,315	8,104	8,626	64	73	73	74	82
Rhode Island.....	675	793	958	835	979	65	73	75	81	86
Connecticut.....	4,784	5,718	6,965	5,843	6,005	59	67	75	77	84
New York.....	16,786	18,877	21,369	17,052	19,758	51	64	68	70	71
New Jersey.....	7,774	8,910	10,102	8,504	9,954	66	75	81	82	91
Pennsylvania.....	23,377	25,458	27,324	23,935	25,649	55	67	75	75	78
North Atlantic.....	67,519	75,161	85,529	72,963	80,613	57.4	68.4	74.4	74.4	78.8
Ohio.....	29,031	33,328	33,919	27,768	29,564	48	61	66	71	68
Indiana.....	27,492	31,273	32,493	26,393	29,847	47	59	62	66	60
Illinois.....	33,728	36,421	39,070	32,350	35,500	49	65	70	72	67
Michigan.....	15,887	17,393	19,595	15,800	16,872	45	64	68	72	69
Wisconsin.....	18,951	21,575	23,809	15,932	18,165	39	54	57	62	58
East North Central.....	125,089	139,990	148,886	118,243	129,957	46.4	60.9	65.0	69.1	64.7
Minnesota.....	24,844	27,039	30,806	25,144	28,446	38	54	55	58	51
Iowa.....	42,352	42,948	45,722	39,062	44,214	45	60	66	73	62
Missouri.....	33,610	30,442	32,531	23,857	31,121	36	54	63	61	52
North Dakota.....	5,722	5,565	6,982	5,070	6,531	31	49	50	55	51
South Dakota.....	8,923	9,572	12,194	8,491	11,333	37	56	55	60	55
Nebraska.....	25,450	23,992	28,044	20,141	24,030	35	52	52	58	50
Kansas.....	29,506	27,232	29,725	22,172	26,583	30	48	46	51	43
West North Central.....	170,407	166,790	186,004	143,937	172,258	37.5	54.5	55.9	62.1	53.4
North Central.....	295,496	306,780	334,890	262,180	302,215	41.2	57.5	60.0	65.4	58.5
Delaware.....	6,649	8,077	10,215	8,663	10,014	42	49	57	58	55
Maryland.....	7,184	8,104	9,117	7,440	8,644	55	62	70	70	64
Virginia.....	17,254	19,016	21,220	18,444	22,468	42	51	59	58	53
West Virginia.....	5,404	5,559	5,675	4,464	5,156	50	66	65	68	64
North Carolina.....	16,774	17,686	20,581	18,692	19,779	43	51	57	58	51
South Carolina.....	7,695	7,940	9,127	8,124	9,155	44	50	58	61	51
Georgia.....	11,804	12,351	13,480	10,873	12,119	43	50	53	60	56
Florida.....	3,210	3,299	3,504	2,993	3,556	45	55	58	62	56
South Atlantic.....	75,974	82,032	93,009	79,693	90,891	44.9	52.6	59.6	60.5	55.3
Kentucky.....	19,142	20,301	21,192	17,031	19,368	42	56	60	62	57
Tennessee.....	17,100	17,481	18,741	15,519	17,037	37	46	52	55	50
Alabama.....	10,524	11,508	12,647	11,215	12,192	38	45	51	51	44
Mississippi.....	10,990	10,947	11,975	11,219	11,366	37	45	51	55	46
Arkansas.....	12,087	12,371	15,812	15,237	18,546	31	43	47	46	40
Louisiana.....	6,500	6,061	6,938	6,553	6,936	44	54	62	59	50
Oklahoma.....	16,319	15,614	17,671	13,786	16,121	32	49	52	52	48
Texas.....	27,181	26,081	31,568	26,213	25,965	34	47	51	51	49
South Central.....	119,843	120,364	136,544	116,773	128,131	35.7	48.1	52.6	52.9	47.9
Montana.....	2,942	2,929	3,222	2,534	3,064	37	53	59	68	66
Idaho.....	2,717	2,977	3,366	2,879	2,974	32	45	51	54	55
Wyoming.....	1,124	1,054	1,265	1,108	1,282	36	52	62	62	59
Colorado.....	5,605	4,758	5,911	5,020	5,582	35	54	58	58	58
New Mexico.....	1,254	1,119	1,304	1,131	1,317	43	52	61	59	50
Arizona.....	766	915	1,159	1,005	1,301	53	55	63	65	61
Utah.....	2,413	2,632	3,238	2,837	2,521	25	32	36	36	33
Nevada.....	287	263	325	286	293	48	50	53	56	54
Washington.....	7,584	7,670	8,426	6,932	6,306	32	39	43	44	42
Oregon.....	3,906	3,571	3,708	3,182	2,887	43	56	59	58	56
California.....	17,101	20,149	21,171	19,178	17,723	36	46	48	51	47
Western.....	45,679	48,028	53,095	46,092	44,850	35.3	46.1	49.3	51.2	48.1
United States.....	604,511	632,365	703,067	577,701	646,700	42.6	56.6	60.4	63.5	59.3

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TABLE 570.—Chickens: Farm production, disposition, and value, by States, 1937

State and division	Number						Farm price per head ¹	Value of chickens produced
	Raised ¹	Lost ²	Produced ³	Change in inventory, decreased ⁴	Consumed in farm household	Sold		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars
Maine.....	3,698	230	3,459	220	493	3,186	71	2,456
New Hampshire.....	4,148	229	3,919	229	250	3,898	71	2,782
Vermont.....	1,423	111	1,312	94	346	1,060	77	1,010
Massachusetts.....	8,570	466	8,104	248	523	7,829	74	5,997
Rhode Island.....	888	53	835	36	76	795	81	676
Connecticut.....	6,176	335	5,843	112	580	5,375	77	4,499
New York.....	19,411	2,359	17,052	1,530	3,946	14,636	70	11,699
New Jersey.....	9,376	872	8,504	291	862	7,933	82	6,973
Pennsylvania.....	27,382	3,447	23,935	2,027	5,798	20,164	75	17,951
North Atlantic.....	81,072	8,109	72,963	4,787	12,874	64,876	74.4	54,280
Ohio.....	31,556	3,788	27,768	2,451	8,735	21,484	71	19,715
Indiana.....	29,172	2,779	26,393	1,471	8,568	19,286	66	17,419
Illinois.....	36,350	4,000	32,350	1,832	10,015	24,217	72	23,292
Michigan.....	17,906	2,106	15,800	1,448	5,588	11,660	72	11,376
Wisconsin.....	18,747	2,815	15,932	1,656	5,549	12,089	62	9,878
East North Central.....	133,731	15,488	118,243	8,908	38,455	88,696	69.1	81,680
Minnesota.....	28,432	3,288	25,144	1,279	7,092	19,331	58	14,584
Iowa.....	44,121	5,059	39,062	2,381	9,746	31,697	73	28,515
Missouri.....	27,268	3,431	23,837	1,381	12,452	12,686	61	14,553
North Dakota.....	5,686	616	5,070	290	3,220	2,140	55	2,788
South Dakota.....	9,605	1,114	8,491	424	3,350	5,565	60	5,095
Nebraska.....	22,338	2,197	20,141	1,848	7,022	14,967	58	11,882
Kansas.....	24,833	2,661	22,172	1,183	8,544	14,811	51	11,308
West North Central.....	162,303	18,366	143,937	8,966	51,426	101,497	62.1	88,525
North Central.....	296,034	33,854	262,180	17,894	89,881	190,193	65.4	170,205
Delaware.....	8,854	191	8,663	72	438	8,297	58	5,025
Maryland.....	8,094	654	7,440	157	2,047	5,550	70	5,208
Virginia.....	20,027	1,583	18,444	693	8,012	11,125	58	10,698
West Virginia.....	5,210	746	4,464	330	3,126	1,668	68	3,036
North Carolina.....	20,450	1,758	18,692	937	12,583	7,046	58	10,841
South Carolina.....	8,867	743	8,124	284	6,030	2,378	61	4,956
Georgia.....	12,230	1,377	10,853	964	8,372	3,465	60	6,524
Florida.....	3,424	431	2,993	151	1,414	1,730	62	1,856
South Atlantic.....	87,176	7,483	79,693	3,588	42,022	41,259	60.5	48,144
Kentucky.....	18,887	1,856	17,031	1,101	11,891	6,241	62	10,559
Tennessee.....	17,317	1,798	15,519	898	9,190	7,227	55	8,535
Alabama.....	12,451	1,236	11,215	344	7,466	4,063	51	5,720
Mississippi.....	12,338	1,119	11,219	163	7,947	3,435	55	6,170
Arkansas.....	16,008	1,371	14,637	428	7,062	8,603	46	7,009
Louisiana.....	7,365	812	6,553	384	4,577	2,360	59	8,866
Oklahoma.....	15,590	1,804	13,786	282	8,662	5,406	62	7,169
Texas.....	30,381	4,168	26,213	1,277	16,314	11,176	51	13,369
South Central.....	130,937	14,164	116,773	4,877	73,109	48,541	52.9	62,397
Montana.....	2,881	347	2,534	160	1,588	1,106	68	1,723
Idaho.....	3,308	429	2,879	103	1,275	1,707	54	1,585
Wyoming.....	1,228	120	1,108	30	531	707	62	687
Colorado.....	5,629	609	5,020	190	2,333	2,877	58	2,912
New Mexico.....	1,302	171	1,131	69	726	474	59	667
Arizona.....	1,110	105	1,005	80	315	770	65	653
Utah.....	3,320	483	2,837	83	615	2,305	36	1,021
Nevada.....	325	39	286	8	96	198	56	160
Washington.....	7,943	1,011	6,932	714	2,413	5,233	44	3,050
Oregon.....	3,721	539	3,182	192	1,530	1,854	58	1,846
California.....	22,280	3,102	19,178	909	3,270	16,817	51	9,781
Western.....	53,047	6,955	46,092	2,538	14,682	33,948	51.2	24,055
United States.....	648,266	70,565	577,701	33,684	232,568	378,817	63.5	359,081

¹ Does not include young chickens lost.² Loss during the year of chickens on hand Jan. 1.³ Chickens sold plus consumed in farm household, and the plus or minus change in inventory.⁴ Change in inventory numbers during the year.⁵ Weighted average of monthly prices per pound received by farmers, times average weight of chickens sold.

Bureau of Agricultural Economics. Revised since Agricultural Statistics 1938 was published.

TABLE 571.—Poultry, dressed: Receipts, gross weight, at 4 markets by months, 1929-39¹

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Boston:	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1929	4,586	3,231	2,315	2,855	2,718	3,369	3,153	3,628	4,309	5,048	8,820	10,395	54,433
1930	4,270	3,992	2,815	2,544	3,193	3,514	3,401	2,952	3,154	3,875	8,270	9,309	51,289
1931	4,840	4,565	3,846	2,976	2,559	3,216	3,476	3,635	3,787	4,434	9,698	10,750	57,782
1932	4,141	3,927	4,094	2,730	2,907	3,255	2,839	3,487	3,619	4,265	10,633	12,256	58,213
1933	5,543	3,803	3,387	3,369	3,832	4,128	3,800	4,004	3,939	5,081	12,374	11,468	64,728
1934	4,545	3,054	2,617	2,393	3,360	3,385	3,202	3,330	3,243	4,249	9,612	9,482	52,672
1935	3,722	2,158	1,987	2,221	2,000	2,472	2,619	2,549	3,182	4,075	9,443	9,841	46,569
1936	3,680	1,942	2,102	2,312	2,547	3,070	3,282	3,318	3,629	4,704	10,660	11,144	52,350
1937	3,801	2,746	3,261	2,688	3,264	3,671	3,000	2,642	3,104	3,860	9,387	8,354	49,808
1938	3,017	1,755	2,317	1,860	2,493	3,384	2,611	3,345	3,635	5,000	10,168	9,749	50,143
1939	3,511	2,656	2,905	2,289									
New York:													
1929	14,221	10,900	9,964	9,520	10,233	11,876	13,078	15,707	16,558	20,602	31,495	32,903	197,057
1930	15,054	11,674	8,476	10,630	13,877	14,999	11,807	12,533	15,383	19,647	32,584	34,221	200,885
1931	17,969	13,996	9,920	10,073	10,553	13,657	15,242	18,244	21,147	18,749	33,029	36,882	218,911
1932	12,534	9,910	10,292	8,852	11,454	13,728	12,708	14,288	15,362	19,651	34,609	32,057	165,445
1933	15,747	11,835	10,063	12,115	10,013	15,641	14,144	16,329	17,417	21,220	39,622	33,048	223,094
1934	18,168	10,957	9,705	8,209	12,933	15,976	15,069	14,477	16,118	19,717	32,854	30,084	204,067
1935	12,279	9,768	8,568	9,145	9,934	12,664	12,171	11,289	14,227	16,559	31,613	27,664	175,881
1936	11,468	9,290	9,747	9,749	12,885	14,847	15,261	17,926	17,713	20,294	38,035	33,512	212,097
1937	13,017	9,485	11,578	11,727	13,567	14,791	14,648	14,658	15,735	21,452	36,134	20,811	206,603
1938	10,368	9,069	7,552	9,867	13,365	14,904	17,029	17,020	19,166	22,760	36,277	31,740	209,147
1939	13,377	10,020	10,419	10,238									
Philadelphia:													
1929	2,548	1,851	1,680	1,471	1,557	1,603	2,134	2,319	2,302	2,542	6,002	8,595	34,664
1930	3,041	2,501	2,207	1,991	2,388	2,117	1,794	1,772	2,166	3,046	5,607	7,906	36,536
1931	2,384	2,179	2,863	1,754	1,560	2,509	2,729	2,875	2,555	2,524	6,018	8,243	38,193
1932	1,881	2,407	1,943	1,060	2,555	1,934	1,912	2,121	2,096	2,614	6,259	8,635	36,447
1933	3,141	2,717	1,894	2,027	2,599	2,344	2,115	1,900	1,743	2,306	6,501	7,719	37,066
1934	2,725	2,131	1,745	1,377	2,381	1,859	2,371	2,136	1,998	2,405	5,599	6,245	32,972
1935	2,410	1,659	1,206	1,404	1,389	1,565	1,576	1,308	1,798	1,858	4,343	5,633	26,140
1936	1,850	1,361	1,353	1,395	1,184	2,065	1,595	1,801	1,726	2,322	5,589	7,268	29,509
1937	1,777	1,315	2,152	1,312	1,330	1,361	1,370	1,280	1,718	2,232	5,579	5,870	27,296
1938	2,002	1,232	1,201	1,011	1,436	1,534	907	1,191	1,270	1,869	5,471	5,454	24,806
1939	1,669	1,090	1,265	766									
Chicago:													
1929	7,712	3,469	2,707	2,725	2,811	3,270	3,520	3,084	4,710	9,070	25,578	23,812	63,368
1930	9,835	5,597	2,809	2,339	2,163	2,645	2,303	2,777	3,809	6,274	19,409	20,103	80,153
1931	7,770	4,529	3,563	3,320	2,309	2,501	3,130	3,673	4,642	4,397	14,203	18,438	71,475
1932	4,855	3,317	2,396	1,505	1,428	1,326	853	1,616	3,353	5,232	19,730	19,752	65,349
1933	4,713	2,442	1,241	859	1,294	1,558	1,668	1,355	1,474	2,082	19,371	16,113	55,430
1934	3,900	1,785	1,452	787	863	1,235	1,439	1,621	2,882	4,296	13,827	10,620	44,704
1935	2,505	1,526	856	767	1,113	1,578	1,573	1,381	2,084	5,283	14,523	10,368	43,560
1936	2,122	1,218	956	1,027	1,313	1,724	2,191	2,962	3,062	6,231	19,255	16,660	50,621
1937	2,612	1,804	1,743	1,546	1,165	1,560	1,393	1,848	1,963	4,856	14,588	9,644	44,722
1938	1,582	904	672	532	819	1,517	1,733	1,626	2,315	6,370	19,579	16,103	53,812
1939	3,433	1,962	2,507	2,301									
4 markets:													
1929	20,067	19,451	16,666	16,571	17,319	20,178	21,885	25,638	27,879	37,262	71,901	75,705	379,522
1930	32,200	23,764	16,397	17,504	21,621	23,275	19,305	20,034	24,512	32,842	65,870	71,539	368,893
1931	32,963	24,669	20,192	17,123	16,981	21,883	24,577	28,477	32,131	30,104	62,948	74,313	386,361
1932	23,411	19,621	18,725	15,047	18,404	20,243	18,312	21,582	24,410	31,762	71,237	72,700	355,454
1933	29,144	20,797	17,485	18,370	22,708	25,671	21,727	25,388	24,673	31,586	78,318	68,348	380,315
1934	20,916	15,102	12,620	13,537	14,436	18,279	18,239	16,507	21,291	27,775	59,922	53,506	292,150
1935	19,620	13,741	14,158	14,483	17,929	21,706	22,329	26,097	27,030	33,551	74,439	68,584	353,577
1936	21,307	15,340	18,734	17,273	19,326	21,383	20,411	20,428	22,530	32,400	65,688	53,679	328,499
1937	16,969	12,960	11,742	13,279	18,643	21,339	22,580	23,410	26,386	35,969	71,495	63,106	337,908
1938	21,990	15,728	17,096	15,594									
1939													

¹ Gross weight includes container and wrapping.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 572.—*Poultry, live: Freight receipts at New York, by State of origin, 1934-37*

State	1934	1935	1936	1937	State	1934	1935	1936	1937
	Cars	Cars	Cars	Cars		Cars	Cars	Cars	Cars
Alabama.....	36	16	32	35	New York.....	7	29	5	19
Arkansas.....	304	172	128	108	North Carolina.....	9	22	31	31
Colorado.....	1	4	—	—	North Dakota.....	6	2	9	4
Georgia.....	—	—	16	3	Ohio.....	336	384	295	286
Illinois.....	1,128	1,191	902	688	Oklahoma.....	343	139	119	115
Indiana.....	981	782	811	954	Pennsylvania.....	—	—	—	—
Iowa.....	419	189	56	35	South Carolina.....	147	31	36	23
Kansas.....	236	65	21	24	South Dakota.....	618	742	585	395
Kentucky.....	580	519	423	405	Tennessee.....	74	42	15	17
Louisiana.....	—	—	2	—	Texas.....	23	22	21	26
Maine.....	—	—	—	—	Virginia.....	—	—	—	—
Maryland.....	3	—	—	—	West Virginia.....	—	—	—	—
Michigan.....	—	—	—	—	Wisconsin.....	2	—	—	1
Minnesota.....	28	4	5	12	Wyoming.....	1	2	—	—
Mississippi.....	33	24	27	23					
Missouri.....	1,667	778	695	439	Total.....	7,641	5,387	4,247	3,709
Nebraska.....	659	223	103	65					

Bureau of Agricultural Economics.

TABLE 573.—*Poultry, dressed: Receipts, gross weight, at four markets, by State of origin, 1937 and 1938¹*

Market and origin	1937	1938	Market and origin	1937	1938	Market and origin	1937	1938
	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
BOSTON			NEW YORK—CON.			CHICAGO—CON.		
California.....	1,149	1,008	Missouri.....	12,503	11,091	Oklahoma.....	1,524	1,456
Colorado.....	1,048	759	Montana.....	300	167	Oregon.....	618	678
Illinois.....	5,932	5,282	Nebraska.....	9,744	10,273	South Dakota.....	2,604	4,489
Indiana.....	965	1,333	New Jersey.....	815	1,487	Tennessee.....	208	187
Iowa.....	10,132	10,149	New York.....	23,790	27,437	Texas.....	3,574	2,096
Kansas.....	3,010	2,303	North Dakota.....	3,600	3,602	Utah.....	357	259
Maine.....	168	289	Ohio.....	2,712	2,753	Wisconsin.....	1,927	1,780
Massachusetts.....	2,040	1,291	Oklahoma.....	7,779	7,264	Wyoming.....	86	72
Michigan.....	211	202	Oregon.....	4,390	2,697	Other States.....	308	101
Minnesota.....	6,211	5,021	Pennsylvania.....	2,274	4,476	Total.....	44,722	53,812
Missouri.....	2,816	3,272	South Dakota.....	4,232	5,348			
Nebraska.....	2,412	3,908	Tennessee.....	2,013	2,817	PHILADELPHIA		
New York.....	507	676	Texas.....	10,392	8,137	Colorado.....	363	65
North Dakota.....	2,724	3,692	Utah.....	2,749	2,532	Idaho.....	331	382
Ohio.....	226	21	Virginia.....	3,062	4,859	Illinois.....	1,614	1,368
Oklahoma.....	1,811	896	Washington.....	802	609	Indiana.....	388	155
Oregon.....	807	1,439	Wisconsin.....	937	596	Iowa.....	3,781	4,441
South Dakota.....	993	1,724	Wyoming.....	528	333	Kansas.....	895	579
Tennessee.....	276	162	Other States.....	1,304	3,455	Kentucky.....	133	131
Texas.....	3,177	2,389	Canada.....	—	—	Maryland.....	12	36
Wisconsin.....	230	217	Total.....	296,503	209,147	Minnesota.....	4,721	5,797
Other States.....	3,033	4,110				Missouri.....	3,793	3,147
Total.....	49,868	50,143	CHICAGO			Nebraska.....	1,097	1,661
NEW YORK			California.....	112	160	New York.....	386	143
Arkansas.....	231	1,009	Colorado.....	992	789	North Dakota.....	747	445
California.....	4,132	3,867	Illinois.....	2,443	3,062	Ohio.....	321	41
Colorado.....	2,120	1,773	Indiana.....	333	274	Oklahoma.....	2,026	1,609
Delaware.....	144	1,618	Iowa.....	10,531	14,605	Pennsylvania.....	33	50
Idaho.....	549	1,036	Kansas.....	2,282	1,864	South Dakota.....	300	623
Illinois.....	16,493	14,612	Kentucky.....	265	78	Texas.....	4,627	2,936
Indiana.....	8,271	4,642	Michigan.....	110	143	Virginia.....	244	124
Iowa.....	38,537	39,585	Minnesota.....	6,726	9,644	West Virginia.....	54	20
Kansas.....	13,289	11,297	Missouri.....	3,229	5,221	Wisconsin.....	1,235	2
Kentucky.....	1,023	721	Montana.....	152	99	Other States.....	1,186	1,051
Maryland.....	454	710	Nebraska.....	2,909	2,131	Total.....	27,296	24,806
Massachusetts.....	2,569	4,821	New Jersey.....	327	394			
Michigan.....	275	288	New York.....	686	248			
Minnesota.....	24,579	23,245	North Dakota.....	2,319	3,904			
			Ohio.....	13	79			

¹ Gross weight includes container and wrapping.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 574.—*Poultry: Receipts at New York, Chicago, Philadelphia, and Boston, 1922-38*DRESSED POULTRY¹

Year	New York	Chicago	Philadel- phia	Boston	Year	New York	Chicago	Philadel- phia	Boston
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1922.....	138,212	73,661	21,319	44,563	1931.....	218,911	71,475	38,193	57,782
1923.....	163,948	90,273	24,611	56,013	1932.....	195,445	65,349	36,447	58,213
1924.....	179,362	88,464	27,640	61,284	1933.....	223,094	55,430	37,066	64,728
1925.....	170,257	72,086	29,295	48,720	1934.....	204,067	44,704	32,972	62,672
1926.....	192,895	77,632	32,126	53,162	1935.....	175,881	43,560	26,140	46,569
1927.....	188,117	63,735	31,822	53,305	1936.....	212,097	50,621	29,509	52,350
1928.....	194,376	67,180	31,844	55,583	1937.....	206,603	44,722	27,296	49,868
1929.....	197,057	93,368	34,664	54,433	1938.....	209,147	53,812	24,806	50,143
1930.....	200,885	80,153	36,536	51,289					

LIVE POULTRY

Year	New York ²			Chicago		
	Freight	Express	Truck	Freight	Express	Truck
	<i>Cars</i>	<i>Cars</i> ³	<i>Cars</i> ³	<i>Cars</i> ³	<i>Cars</i> ³	<i>Cars</i> ³
1928.....	11,267	937				
1929.....	10,493	674		1,314	2,293	2,103
1930.....	10,677	476	1,386	1,141	2,113	2,122
1931.....	10,152	286	1,408	837	1,277	2,902
1932.....	9,126	160	2,048	318	570	3,461
1933.....	8,150	113	2,317	155	358	3,772
1934.....	7,641	112	2,428	305	360	3,658
1935.....	5,387	137	3,157	175	337	3,462
1936.....	4,247	156	4,747	313	372	3,458
1937.....	3,709	151	5,624	211	389	3,420
1938.....	3,009	105	5,845	188	450	3,555

¹ Gross weights, which include container and wrapping.² 1928 figures compiled from reports of Urner-Barry Co.³ Car-lot equivalents calculated from express and truck receipts.⁴ Revised.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets.

TABLE 575.—*Chickens, live: Annual average price per pound received by farmers, United States, 1909-38*¹

Year	Weighted average	Year	Weighted average	Year	Weighted average
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1909.....	10.9	1919.....	24.6	1929.....	22.8
1910.....	11.8	1920.....	26.3	1930.....	18.4
1911.....	10.9	1921.....	20.9	1931.....	15.8
1912.....	11.0	1922.....	19.2	1932.....	11.8
1913.....	12.3	1923.....	19.1	1933.....	9.5
1914.....	12.6	1924.....	19.4	1934.....	11.3
1915.....	11.8	1925.....	20.5	1935.....	14.9
1916.....	13.5	1926.....	22.3	1936.....	15.8
1917.....	16.9	1927.....	20.3	1937.....	15.9
1918.....	21.7	1928.....	21.5	1938.....	15.0

¹ Revised.² Preliminary.

Bureau of Agricultural Economics. Yearly prices obtained by weighting State averages by estimated sales.

TABLE 576.—*Chickens, live: Average price per pound received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929	21.6	22.1	22.7	23.8	24.4	24.6	23.7	22.7	22.4	21.5	20.3	19.1	22.8
1930	19.8	20.4	20.6	21.1	20.0	19.0	17.4	17.3	17.8	17.4	16.1	15.3	18.4
1931	15.7	15.1	16.1	16.7	15.9	16.1	15.8	16.2	15.7	14.4	14.4	13.9	15.8
1932	13.3	12.6	12.6	12.6	12.2	11.4	11.7	11.7	11.6	10.7	10.1	9.2	11.8
1933	9.3	9.4	9.1	9.8	10.4	10.0	10.4	9.8	9.5	9.3	8.8	8.6	9.5
1934	9.4	10.2	10.7	11.1	11.2	11.2	11.7	11.4	12.7	11.8	11.7	11.7	11.3
1935	12.4	13.4	14.2	15.5	15.7	15.6	14.0	14.1	15.4	15.7	15.9	16.0	14.9
1936	16.5	16.9	16.6	16.9	16.6	16.4	16.1	15.1	14.9	14.0	13.2	12.6	15.8
1937	13.4	13.6	14.4	15.2	14.8	14.8	15.3	16.8	17.4	17.6	16.9	16.4	15.9
1938	16.7	16.0	15.9	16.2	16.1	15.7	15.0	14.2	14.3	13.6	13.6	13.6	15.0
1939	14.0	14.2	14.3	14.4	13.9								

¹ Revised.² Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by census production in 1919 to obtain the United States averages from 1925 through May 1932, and by 1929 census sales thereafter. Yearly price obtained by weighing annual State averages by sales in each State. Data for earlier years in February 1936 issue of Crops and Markets, p. 46.

TABLE 577.—*Poultry, fresh dressed: Average wholesale price per pound, New York City, 1934-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Weighted average ¹
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Broilers:													
1934	17.4				24.5	25.6	21.0	21.2	22.8	22.1	21.0	20.6	22.4
1935						22.5	19.3	21.4	25.8	27.0	27.5	26.0	23.2
1936					28.7	28.4	26.2	25.0	21.6	19.6	20.3	20.5	24.8
1937					24.3	23.5	23.8	27.9	29.8	32.1	27.0	26.7	26.1
1938					26.2	23.4	22.8	21.3	21.3	22.5	19.5	20.7	22.3
1939		22.7	22.8										
Fryers:													
1934	14.9	15.0				27.7	24.7	23.8	20.3	19.0	18.3	18.0	20.5
1935	18.6	19.0				25.1	23.6	24.4	22.3	23.1	23.5	23.5	23.3
1936	23.5				27.5	28.3	26.9	21.7	20.6	20.9	20.6	18.1	21.7
1937	19.9				25.0	25.0	25.5	27.9	26.2	27.0	27.5	27.2	26.7
1938	26.5				26.2	25.1	23.1	19.9	18.8	18.4	19.7	21.2	20.4
1939	20.0	20.5	21.3										
Roasters:													
1934	17.9	18.0	18.0				26.4	26.0	25.9	21.3	21.8	22.4	21.7
1935	24.0	24.3						28.3	26.3	25.3	25.8	26.8	25.9
1936	27.0						30.3	29.7	27.2	24.2	23.6	21.5	24.4
1937	22.1						27.7	28.8	29.0	28.1	27.5	27.2	27.1
1938	27.0				26.0	28.7	28.5	24.9	21.7	19.8	21.0	22.8	22.4
1939	22.0	23.9	24.7										
Cocks:													
1934	9.3	10.0	10.0	10.3	10.4	9.5	10.1	10.7	12.6	13.0	13.0	12.3	11.1
1935	14.3	16.5	16.8	17.9	16.7	16.2	15.3	16.1	17.7	18.0	18.0	18.2	16.8
1936	19.1	19.8	21.0	19.3	16.5	16.6	17.4	17.3	16.5	16.2	16.1	15.0	17.1
1937	15.5	15.8	15.6	15.7	14.7	16.2	16.1	17.2	17.7	17.8	17.8	17.2	16.6
1938	17.8	17.9	17.2	17.2	16.3	15.4	15.4	16.4	15.6	14.0	14.0	14.2	15.6
1939	15.1	15.1	14.9										
Fowl:													
1934	15.0	15.2	16.6	18.0	17.5	16.1	15.5	16.7	18.2	17.0	17.2	17.0	16.7
1935	19.1	20.4	21.2	23.0	23.8	21.5	19.7	21.0	23.4	22.5	22.4	23.7	21.9
1936	24.4	24.1	24.1	24.2	23.6	22.4	21.7	21.2	21.3	20.3	19.8	19.0	21.9
1937	20.6	19.6	21.2	22.0	21.3	21.1	21.5	23.7	24.5	24.4	23.4	23.4	22.3
1938	24.1	22.6	22.5	23.7	23.2	22.0	21.2	20.8	22.3	20.6	21.0	20.8	21.9
1939	21.1	20.5	20.9										
All poultry:													
1934	15.8	15.6	16.6	17.7	18.0	18.1	17.3	19.5	20.9	19.0	19.1	19.0	18.4
1935	20.5	21.1	21.1	22.8	23.5	21.7	19.9	22.3	24.1	23.7	23.9	24.7	22.8
1936	25.1	24.0	24.0	24.6	23.8	23.4	22.9	22.7	22.4	21.5	21.3	19.8	22.4
1937	21.0	19.5	21.0	21.8	21.5	21.5	22.4	25.4	26.4	26.4	25.5	25.0	23.8
1938	24.9	22.5	22.4	23.4	23.5	22.2	21.7	21.0	21.2	19.9	20.6	21.4	21.7
1939	21.3	21.1	21.3										

¹ Weighted on basis of market receipts by classes.

Bureau of Agricultural Economics. Compiled from American Creamery and Poultry Produce Review.

TABLE 578.—*Poultry, dressed: Quantities officially inspected by Federal-State inspectors, 1928-37*

Year beginning July	Quantity	Year beginning July	Quantity	Year beginning July	Quantity	Year beginning July	Quantity	Year beginning July	Quantity
	Pounds		Pounds		Pounds		Pounds		Pounds
1928.....	10,202,352	1930....	19,101,344	1932....	13,830,589	1934....	20,997,323	1936....	38,973,378
1929.....	25,259,413	1931....	15,594,402	1933....	16,951,706	1935....	26,033,392	1937....	43,550,122

Bureau of Agricultural Economics.

TABLE 579.—*Poultry, frozen: Cold-storage holdings, by classes, United States, 1934-39, and total 1929-39*¹

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Broilers:												
1934.....	15,118	13,343	10,494	7,302	4,473	2,794	3,306	5,783	9,588	14,447	18,515	20,203
1935.....	20,560	18,186	15,651	12,542	8,734	5,862	5,206	5,103	4,984	6,900	9,223	11,178
1936.....	11,558	8,819	6,679	5,184	3,566	2,915	3,663	8,230	16,413	22,595	25,755	27,089
1937.....	27,531	24,898	21,927	16,990	12,173	9,044	7,566	6,400	8,212	9,595	9,631	9,963
1938.....	9,805	8,886	7,862	6,252	4,651	4,258	4,876	7,553	9,060	9,798	10,759	11,460
1939.....	11,552	10,804	9,289	7,414	5,779	6,241	6,718	.....	.....	.....	.....	.....
Fryers:												
1934.....	13,097	11,862	9,918	7,007	3,804	2,279	1,754	1,696	1,849	3,969	8,581	12,590
1935.....	15,539	14,079	11,742	9,539	6,446	3,928	2,530	1,677	1,267	2,811	6,838	11,394
1936.....	13,339	12,288	10,290	8,587	5,796	3,307	1,902	1,947	3,819	7,633	13,257	17,581
1937.....	20,113	18,118	15,638	11,734	8,046	5,125	3,396	2,514	2,297	4,187	7,896	10,234
1938.....	10,852	9,850	8,625	7,034	5,286	3,766	2,513	2,039	2,550	4,152	7,283	12,534
1939.....	15,078	13,696	11,635	9,232	6,586	4,802	3,380	.....	.....	.....	.....	.....
Roasters:												
1934.....	38,156	37,519	32,377	24,900	17,704	12,701	9,598	7,134	5,639	7,272	13,409	23,947
1935.....	32,439	30,009	26,180	20,622	14,942	9,281	6,217	3,420	2,097	4,412	11,435	23,451
1936.....	31,244	29,686	25,913	19,346	12,694	8,724	5,602	3,896	3,733	6,254	14,646	28,069
1937.....	39,186	36,407	31,698	23,908	17,438	12,650	8,726	6,094	4,798	5,979	13,989	21,624
1938.....	26,458	23,344	20,161	15,794	11,962	8,826	6,948	5,449	5,065	7,497	15,253	25,804
1939.....	33,984	31,273	26,718	20,908	15,513	11,398	7,811	.....	.....	.....	.....	.....
Fowls:												
1934.....	18,426	16,113	11,973	7,308	3,351	4,144	7,355	11,061	11,082	11,605	13,937	10,313
1935.....	24,899	19,859	15,852	10,059	6,473	5,111	6,399	5,611	4,347	4,960	7,350	12,525
1936.....	16,554	15,456	11,867	8,071	5,053	4,839	6,079	8,050	12,698	16,299	21,401	27,133
1937.....	32,699	27,983	25,465	17,904	14,095	13,041	14,996	14,136	12,223	11,641	15,333	19,919
1938.....	24,244	22,126	20,810	15,249	11,300	9,024	9,700	9,039	8,819	9,630	12,943	18,502
1939.....	23,823	20,883	18,391	13,970	10,907	11,983	13,680	.....	.....	.....	.....	.....
Turkeys:												
1934.....	15,732	19,941	19,177	14,499	11,154	9,493	8,385	6,648	4,767	3,041	1,763	9,572
1935.....	18,652	23,516	22,973	19,846	16,143	14,258	13,851	11,655	9,006	6,549	3,629	9,114
1936.....	16,819	20,541	19,100	17,749	13,909	12,381	12,660	9,971	7,989	5,593	4,122	18,460
1937.....	35,189	40,841	37,763	30,417	26,750	25,106	21,915	17,441	12,312	7,315	5,208	19,695
1938.....	25,503	28,020	24,561	20,123	14,743	12,926	11,938	8,633	5,711	3,790	3,899	18,111
1939.....	22,762	28,264	26,958	22,368	17,832	17,414	17,368	.....	.....	.....	.....	.....
Miscellaneous poultry:												
1934.....	22,974	21,399	17,837	13,181	8,726	8,379	10,211	12,582	13,128	14,928	17,196	19,940
1935.....	19,922	16,636	14,378	11,105	9,077	9,834	12,848	13,796	13,210	14,088	14,681	18,436
1936.....	17,875	17,043	13,934	10,557	8,306	9,760	13,184	17,124	20,836	23,722	25,800	31,029
1937.....	33,160	30,057	25,367	19,375	16,386	17,365	20,774	22,455	23,891	25,530	24,146	27,311
1938.....	26,638	22,879	18,474	14,267	12,111	13,249	17,457	20,927	23,736	25,075	27,555	31,677
1939.....	31,909	28,611	23,238	17,095	13,951	14,868	18,464	.....	.....	.....	.....	.....
Total:												
1929.....	109,684	102,380	89,088	68,728	52,901	41,643	42,001	40,896	49,010	61,976	86,873	115,876
1930.....	104,723	141,552	133,172	105,708	77,420	61,167	54,253	46,967	42,589	46,938	59,269	82,925
1931.....	104,913	101,307	95,188	69,986	45,920	35,348	32,762	36,438	43,056	56,215	65,668	89,971
1932.....	116,700	111,554	96,422	74,660	56,676	44,829	36,661	31,471	30,305	36,683	54,989	91,118
1933.....	111,642	104,833	88,675	67,285	45,824	38,131	42,705	44,970	47,789	50,177	59,528	91,211
1934.....	123,503	120,177	101,776	74,197	49,212	39,790	40,609	44,904	46,053	55,262	73,401	105,565
1935.....	132,001	122,285	106,776	83,713	61,815	48,274	47,051	41,262	34,911	39,720	53,186	86,098
1936.....	107,389	103,853	85,792	69,494	49,324	41,925	43,050	49,220	65,488	82,086	104,981	149,391
1937.....	167,887	178,304	157,858	120,328	94,882	74,077	73,704	64,040	63,733	61,721	76,208	108,746
1938.....	123,500	115,105	100,493	78,819	60,053	52,049	53,432	52,640	54,941	59,942	77,692	118,088
1939.....	139,108	133,531	116,229	90,987	70,568	66,796	67,421	.....	.....	.....	.....	.....

¹ Quantities given are net weight.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments. Data for earlier years in 1928 Yearbook, table 482.

TABLE 580.—*Turkeys: Number raised, weighted average price per head received by farmers, and total value, by States, 1929-38*

NUMBER RAISED										
State and division	1929 ¹	1930	1931	1932	1933	1934	1935	1936	1937	1938
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>
	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>	<i>sands</i>
Maine.....	26	27	26	32	34	34	39	60	55	58
New Hampshire.....	19	20	21	23	25	26	29	40	53	53
Vermont.....	29	29	30	32	34	39	53	75	77	91
Massachusetts.....	61	83	104	113	127	136	140	227	220	242
Rhode Island.....	13	17	17	18	21	20	21	29	30	33
Connecticut.....	24	29	38	52	58	50	60	60	89	98
New York.....	167	200	160	230	200	220	280	320	320	320
New Jersey.....	32	35	50	80	78	96	120	105	105	105
Pennsylvania.....	175	230	300	375	480	560	600	620	590	661
North Atlantic.....	545	690	746	955	1,057	1,190	1,318	1,590	1,539	1,661
Ohio.....	177	230	280	470	540	660	620	900	780	858
Indiana.....	130	130	195	214	364	364	346	450	450	540
Illinois.....	91	102	138	160	300	270	270	450	450	472
Michigan.....	230	230	275	350	425	450	370	560	500	525
Wisconsin.....	177	192	250	350	350	300	290	300	270	297
East North Central.....	805	884	1,138	1,544	1,879	2,044	1,896	2,660	2,450	2,692
Minnesota.....	1,306	1,180	1,320	1,800	2,170	1,670	1,800	2,300	1,950	2,145
Iowa.....	112	180	230	310	420	530	840	1,400	1,200	1,386
Missouri.....	245	225	275	400	600	600	600	900	900	945
North Dakota.....	1,458	1,520	1,520	1,780	2,010	1,600	1,060	1,360	1,100	1,265
South Dakota.....	460	440	400	775	920	550	500	760	605	696
Nebraska.....	280	275	250	375	450	500	470	650	500	600
Kansas.....	319	255	255	420	450	440	410	660	660	792
West North Central.....	4,150	4,075	4,310	5,860	7,020	5,810	5,680	8,030	8,975	7,529
North Central.....	4,955	4,959	5,448	7,404	8,899	7,854	7,576	10,690	9,425	10,521
Delaware.....	61	70	67	94	108	100	120	120	114	103
Maryland.....	279	350	300	375	380	380	400	425	450	405
Virginia.....	528	610	500	640	600	680	630	710	750	788
West Virginia.....	183	205	190	240	275	325	290	310	280	274
North Carolina.....	205	220	190	240	240	265	265	240	265	238
South Carolina.....	80	85	120	145	140	130	140	160	150	142
Georgia.....	86	112	108	120	125	130	125	140	125	112
Florida.....	69	80	95	120	130	120	130	135	115	104
South Atlantic.....	1,491	1,732	1,570	1,974	1,998	2,150	2,090	2,240	2,249	2,166
Kentucky.....	383	425	425	520	560	590	510	590	520	468
Tennessee.....	156	160	150	200	270	240	240	290	280	246
Alabama.....	143	180	160	200	215	195	205	188	195	166
Mississippi.....	85	120	150	150	130	115	100	125	135	128
Arkansas.....	56	65	65	120	90	85	70	85	100	90
Louisiana.....	27	40	50	65	60	60	60	65	75	68
Oklahoma.....	804	640	750	1,000	950	900	1,000	1,300	1,350	1,418
Texas.....	3,783	3,490	3,810	4,820	4,300	3,600	2,650	3,800	3,650	3,285
South Central.....	5,437	5,120	5,560	7,075	6,575	5,685	4,835	6,443	6,315	5,869
Montana.....	442	400	360	380	430	430	342	373	261	248
Idaho.....	517	410	390	300	300	270	300	290	230	196
Wyoming.....	233	190	170	230	330	250	200	350	250	225
Colorado.....	548	525	575	630	540	590	500	600	570	513
New Mexico.....	124	155	140	170	145	135	90	100	85	85
Arizona.....	84	78	111	112	123	136	105	110	104	88
Utah.....	228	230	300	375	300	225	215	700	540	470
Nevada.....	90	71	64	80	77	68	70	83	54	41
Washington.....	252	250	270	295	220	230	290	320	300	306
Oregon.....	600	625	650	750	600	750	900	1,166	1,205	1,265
California.....	1,247	1,100	1,400	1,500	1,600	1,700	1,800	2,700	2,500	2,625
Western.....	4,365	4,034	4,430	4,822	4,665	4,784	4,772	6,762	6,099	6,062
United States.....	16,794	16,535	17,754	22,230	23,194	21,663	20,591	27,725	25,627	26,279

¹ Census data.

TABLE 580.—*Turkeys: Number raised, weighted average price per head received by farmers, and total value, by States, 1929-35—Continued*

PRICE PER HEAD

State and division	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	5.01	4.14	3.70	2.61	2.53	2.82	3.14	3.02	3.42	2.98
New Hampshire.....	5.93	4.33	3.99	3.07	2.86	3.00	3.62	3.74	3.69	3.69
Vermont.....	4.84	3.74	3.53	2.74	2.66	2.88	3.68	3.28	3.12	3.40
Massachusetts.....	5.92	4.68	4.50	3.25	3.10	3.74	3.95	4.05	3.87	3.88
Rhode Island.....	5.83	5.22	5.21	3.98	3.35	4.06	4.37	4.17	3.91	3.91
Connecticut.....	6.09	5.01	5.06	3.93	3.27	3.98	4.57	4.70	3.91	3.90
New York.....	5.29	4.15	3.82	2.97	2.70	3.20	3.69	3.48	3.81	3.65
New Jersey.....	6.13	4.63	4.58	3.45	3.14	3.74	4.24	3.80	4.55	4.14
Pennsylvania.....	5.44	4.07	3.95	2.97	2.67	3.03	3.86	3.43	3.96	3.57
North Atlantic.....	5.49	4.26	4.10	3.10	2.81	3.25	3.87	3.60	3.87	3.79
Ohio.....	4.29	3.22	3.05	2.16	1.91	2.46	3.22	2.66	3.25	3.09
Indiana.....	3.55	2.72	2.56	1.83	1.66	2.26	3.05	2.22	2.89	2.67
Illinois.....	3.85	2.79	2.60	1.82	1.59	2.15	2.95	2.13	2.76	2.41
Michigan.....	3.78	2.76	2.60	1.80	1.66	2.06	2.91	2.42	2.92	2.60
Wisconsin.....	3.74	2.88	2.67	1.87	1.73	2.16	2.97	2.36	2.99	2.72
East North Central.....	3.85	2.90	2.72	1.93	1.74	2.25	3.05	2.41	3.00	2.75
Minnesota.....	3.04	2.51	2.39	1.71	1.54	2.22	2.94	2.04	2.77	2.64
Iowa.....	3.53	2.78	2.57	1.75	1.62	2.13	3.08	2.37	2.99	2.68
Missouri.....	3.31	2.74	2.52	1.60	1.48	2.07	2.99	1.86	2.49	2.37
North Dakota.....	2.69	2.44	2.30	1.43	1.36	2.16	2.93	2.06	2.52	2.31
South Dakota.....	2.50	2.26	2.11	1.41	1.23	1.84	2.62	1.60	2.30	2.26
Nebraska.....	2.74	2.34	2.30	1.45	1.33	1.97	2.76	1.83	2.41	2.31
Kansas.....	2.76	2.29	2.16	1.32	1.30	1.75	2.71	1.74	2.35	2.12
West North Central.....	2.85	2.46	2.33	1.54	1.42	2.09	2.90	2.00	2.63	2.45
North Central.....	3.01	2.54	2.41	1.62	1.49	2.13	2.94	2.10	2.72	2.53
Delaware.....	4.81	3.88	3.70	2.47	2.55	2.96	3.74	3.03	3.56	3.54
Maryland.....	4.80	3.68	3.55	2.62	2.67	2.92	3.66	3.05	3.68	3.39
Virginia.....	3.90	3.15	2.89	2.03	1.94	2.44	3.01	2.59	2.99	2.90
West Virginia.....	3.73	2.65	2.77	2.01	1.87	2.19	2.73	2.35	2.90	2.61
North Carolina.....	3.38	2.70	2.44	1.90	2.00	2.32	2.88	2.51	2.92	2.88
South Carolina.....	4.17	3.43	2.81	2.19	2.34	2.91	3.12	3.01	3.18	3.30
Georgia.....	3.42	2.65	2.19	1.77	1.86	2.22	2.53	2.58	2.61	2.58
Florida.....	3.93	3.31	2.78	2.21	2.05	2.51	2.90	2.79	3.04	2.83
South Atlantic.....	4.00	3.16	2.92	2.13	2.12	2.51	3.09	2.70	3.13	2.99
Kentucky.....	2.92	2.27	2.17	1.56	1.34	1.94	2.63	1.88	2.50	2.38
Tennessee.....	2.93	2.12	1.90	1.47	1.42	1.82	2.37	1.90	2.35	2.24
Alabama.....	3.19	2.39	2.11	1.67	1.50	1.88	2.37	2.39	2.33	2.30
Mississippi.....	3.23	2.40	2.12	1.46	1.45	1.84	2.39	2.28	2.34	2.10
Arkansas.....	3.27	2.38	2.15	1.48	1.43	1.91	2.56	1.88	2.22	2.23
Louisiana.....	3.67	2.69	2.41	1.94	1.82	2.26	2.90	2.74	2.72	2.42
Oklahoma.....	2.41	2.01	1.96	1.19	1.22	1.73	2.55	1.52	2.02	1.97
Texas.....	2.38	2.09	2.06	1.14	1.20	1.76	2.60	1.86	2.06	2.09
South Central.....	2.49	2.12	2.06	1.22	1.25	1.79	2.57	1.65	2.13	2.10
Montana.....	3.24	2.76	2.75	1.78	1.59	1.92	3.03	2.30	2.65	2.72
Idaho.....	3.10	2.54	2.22	1.31	1.38	1.84	2.49	1.90	2.27	2.68
Wyoming.....	3.10	2.58	2.49	1.47	1.55	2.12	3.24	2.23	2.56	2.65
Colorado.....	2.88	2.61	2.44	1.53	1.48	1.95	3.05	2.13	2.58	2.45
New Mexico.....	2.80	2.37	2.31	1.55	1.51	1.47	2.92	2.12	2.70	3.03
Arizona.....	4.35	3.47	3.30	2.52	2.13	2.73	3.50	3.30	3.16	3.21
Utah.....	3.53	3.03	2.81	1.94	1.81	2.23	3.10	2.62	2.82	2.65
Nevada.....	3.95	3.88	3.70	2.18	2.39	2.76	3.36	3.08	3.48	3.13
Washington.....	3.92	3.20	3.12	2.25	2.04	2.36	3.12	2.46	3.11	2.97
Oregon.....	3.45	3.20	3.10	1.78	1.97	2.20	3.03	2.40	2.73	3.06
California.....	4.59	4.15	3.80	2.36	2.50	3.02	3.68	3.09	3.46	3.18
Western.....	3.66	3.22	3.08	1.94	1.98	2.42	3.27	2.66	3.03	2.98
United States.....	3.18	2.71	2.58	1.67	1.63	2.21	3.01	2.27	2.75	2.66

TABLE 580.—*Turkeys: Number raised, weighted average price per head received by farmers, and total value, by States, 1929-38—Continued*

State and division	TOTAL FARM VALUE									
	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	130	112	96	84	86	96	122	181	188	173
New Hampshire.....	113	87	84	71	72	78	105	183	196	196
Vermont.....	140	108	106	88	90	112	195	246	240	309
Massachusetts.....	361	388	468	367	394	509	553	919	851	939
Rhode Island.....	76	89	89	72	70	81	92	121	117	129
Connecticut.....	146	145	192	204	190	199	274	378	348	382
New York.....	883	830	611	683	540	704	1,033	1,114	1,219	1,168
New Jersey.....	196	162	229	276	245	393	407	456	457	435
Pennsylvania.....	952	1,018	1,185	1,114	1,282	1,697	2,316	2,127	2,336	2,558
North Atlantic.....	2,997	2,939	3,060	2,959	2,969	3,869	5,097	5,725	5,952	6,289
Ohio.....	759	741	854	1,015	1,031	1,624	1,996	2,394	2,535	2,651
Indiana.....	462	354	499	392	604	823	1,055	999	1,300	1,442
Illinois.....	350	285	359	291	318	580	796	958	1,242	1,138
Michigan.....	869	635	715	630	706	927	1,077	1,114	1,460	1,365
Wisconsin.....	662	553	668	654	606	648	861	708	807	808
East North Central.....	3,102	2,568	3,095	2,982	3,265	4,602	5,785	6,414	7,344	7,404
Minnesota.....	3,970	2,962	3,155	3,078	3,342	3,707	5,292	4,692	5,402	5,663
Iowa.....	395	500	591	542	680	1,172	2,587	3,318	3,767	3,714
Missouri.....	811	616	693	640	888	1,242	1,794	1,674	2,241	2,240
North Dakota.....	3,922	3,709	3,496	2,545	2,734	3,240	3,106	2,802	2,772	2,922
South Dakota.....	1,150	994	971	1,093	1,132	1,012	1,310	1,216	1,392	1,573
Nebraska.....	685	644	575	544	598	985	1,297	1,190	1,205	1,386
Kansas.....	880	584	551	554	585	770	1,111	1,148	1,551	1,679
West North Central.....	11,813	10,009	10,032	8,996	9,959	12,128	16,497	16,040	18,330	19,177
North Central.....	14,915	12,577	13,127	11,978	13,224	16,730	22,282	22,454	25,674	26,581
Delaware.....	293	272	248	232	275	296	449	364	406	365
Maryland.....	1,339	1,288	1,065	945	977	1,110	1,464	1,296	1,656	1,373
Virginia.....	2,059	1,922	1,445	1,299	1,164	1,659	1,896	1,839	2,242	2,285
West Virginia.....	683	543	526	482	514	712	762	728	812	715
North Carolina.....	693	594	464	456	480	661	734	602	774	685
South Carolina.....	334	292	337	318	328	378	437	482	477	469
Georgia.....	294	297	237	212	232	289	316	361	326	289
Florida.....	271	265	264	265	266	301	377	377	350	294
South Atlantic.....	5,966	5,473	4,586	4,209	4,236	5,406	6,465	6,049	7,043	6,475
Kentucky.....	1,118	965	922	811	750	1,145	1,341	1,109	1,300	1,114
Tennessee.....	457	339	298	294	383	437	569	551	682	551
Alabama.....	456	430	338	314	322	367	488	449	454	382
Mississippi.....	275	288	318	219	188	212	239	285	316	269
Arkansas.....	183	155	140	178	129	162	179	160	222	201
Louisiana.....	99	108	120	126	169	136	174	178	204	165
Oklahoma.....	1,938	1,286	1,470	1,190	1,159	1,557	2,550	1,976	2,727	2,793
Texas.....	9,004	7,294	7,849	5,495	5,160	6,160	6,890	5,928	7,519	6,866
South Central.....	13,530	10,865	11,455	8,627	8,200	10,176	12,428	10,636	13,424	12,341
Montana.....	1,432	1,104	990	676	684	826	1,036	858	692	675
Idaho.....	1,603	1,041	866	393	414	497	747	494	522	525
Wyoming.....	722	490	423	338	512	530	648	780	640	566
Colorado.....	1,578	1,370	1,403	964	799	1,150	1,525	1,278	1,471	1,257
New Mexico.....	347	367	323	264	219	196	263	212	230	238
Arizona.....	365	271	366	292	262	371	368	363	329	282
Utah.....	802	697	843	728	543	602	666	1,834	1,523	1,246
Nevada.....	356	275	237	174	184	188	235	256	188	128
Washington.....	988	800	842	664	449	543	780	787	933	909
Oregon.....	2,070	2,000	2,015	1,335	1,182	1,650	2,727	2,798	3,290	3,871
California.....	5,724	4,565	5,320	3,540	4,000	5,134	6,624	8,343	8,650	8,348
Western.....	15,990	12,980	13,628	9,358	9,248	11,589	15,619	18,003	18,468	18,095
United States.....	53,398	44,834	45,856	37,131	37,877	47,770	61,891	62,867	70,561	69,781

Bureau of Agricultural Economics.

TABLE 581.—*Turkeys, live: Average price per pound received by farmers, United States, 1929-39*

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	28.2									27.2	27.1	23.5
1930.....	23.7									21.0	20.1	19.9
1931.....	21.6									17.9	18.3	19.4
1932.....	18.0									13.2	12.9	10.9
1933.....	10.2	10.0	10.0	10.3	10.8	10.3			10.7	11.3	11.8	11.1
1934.....	11.6	12.1	12.2	12.2	11.5	11.1	10.9	11.0	11.8	12.7	14.6	16.0
1935.....	16.0	16.1	15.7	15.8	15.1	14.2	13.5	13.1	14.4	15.9	19.9	21.3
1936.....	19.9	18.8	17.8	17.1	16.2	15.4	15.3	15.5	15.9	15.9	15.0	14.3
1937.....	14.1	14.0	14.2	14.3	14.0	13.7	13.9	14.2	15.0	16.7	17.9	18.0
1938.....	17.5	17.7	17.2	17.0	16.4	15.6	15.7	15.0	16.0	16.5	17.1	18.4
1939.....	18.3	17.5	17.6	16.9	15.6							

Bureau of Agricultural Economics, based on returns from special price reporters. Monthly prices, by States, weighted by census production in 1919 to obtain the United States averages from 1927 to October 1932 and by 1929 census sales thereafter. Data for earlier years in February 1936 issue of Crops and Markets p. 46.

TABLE 582.—*Eggs: Production and price per dozen received by farmers, by States 1934-38*

State and division	Production					Price per dozen				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Maine.....	199	205	198	239	221	25.8	31.4	30.2	29.0	30.1
New Hampshire.....	143	156	174	195	171	28.1	33.7	32.9	30.9	31.6
Vermont.....	91	91	95	112	101	24.6	29.7	28.6	27.9	29.1
Massachusetts.....	360	360	370	400	416	31.4	36.0	34.8	32.8	32.7
Rhode Island.....	41	38	40	45	41	29.8	34.3	33.6	33.3	32.0
Connecticut.....	257	252	257	309	303	29.0	33.8	32.8	31.6	31.4
New York.....	1,524	1,511	1,581	1,793	1,659	22.9	29.2	27.4	26.3	26.4
New Jersey.....	555	563	557	619	613	26.4	31.8	30.5	30.4	29.6
Pennsylvania.....	1,706	1,743	1,832	2,086	2,031	20.8	26.4	25.7	24.9	24.5
North Atlantic.....	4,876	4,919	5,110	5,798	5,556	23.9	29.6	28.4	27.4	27.2
Ohio.....	1,974	2,001	2,079	2,216	2,044	16.8	23.5	21.7	21.0	20.4
Indiana.....	1,273	1,283	1,337	1,470	1,438	15.4	21.9	20.0	19.4	18.3
Illinois.....	1,800	1,683	1,690	1,895	1,900	15.5	21.9	20.0	19.3	17.8
Michigan.....	1,243	1,201	1,202	1,354	1,259	16.9	23.7	21.9	21.4	20.8
Wisconsin.....	1,530	1,563	1,617	1,758	1,717	16.2	23.0	21.4	20.5	19.6
East North Central.....	7,820	7,731	7,925	8,693	8,378	16.2	22.8	21.0	20.3	19.4
Minnesota.....	1,378	1,357	1,403	1,637	1,698	14.4	21.4	19.3	18.2	17.4
Iowa.....	2,291	2,085	2,067	2,344	2,431	14.3	21.3	18.8	18.3	17.0
Missouri.....	1,875	1,767	1,647	1,742	1,759	13.6	20.7	18.5	18.0	16.4
North Dakota.....	302	265	247	281	276	12.8	20.1	17.5	17.9	16.1
South Dakota.....	492	405	412	450	487	13.0	20.5	17.6	17.4	16.3
Nebraska.....	998	893	872	980	969	12.8	20.2	17.8	17.1	15.8
Kansas.....	1,578	1,425	1,271	1,369	1,419	13.0	20.2	18.2	17.2	15.8
West North Central.....	8,914	8,197	7,919	8,803	9,069	13.7	20.8	18.5	17.9	16.6
North Central.....	16,734	15,928	15,844	17,496	17,447	14.9	21.8	19.8	19.1	18.0
Delaware.....	95	83	97	104	110	20.2	25.4	23.8	23.7	22.4
Maryland.....	327	314	320	348	340	19.6	25.2	23.5	22.9	22.5
Virginia.....	755	790	794	911	860	18.0	23.0	22.3	21.6	20.5
West Virginia.....	360	376	380	406	414	18.0	22.8	22.4	22.1	21.0
North Carolina.....	590	592	599	660	670	19.2	23.0	23.7	22.7	21.8
South Carolina.....	222	227	243	260	246	19.6	23.0	23.6	23.4	22.4
Georgia.....	406	416	469	519	492	18.9	23.0	23.2	23.0	21.7
Florida.....	180	174	177	196	194	23.0	27.1	26.8	26.4	26.2
South Atlantic.....	2,935	2,972	3,079	3,404	3,326	19.0	23.6	23.2	22.7	21.7

TABLE 582.—Eggs: Production and price per dozen received by farmers, by States, 1934-38—Continued

State and division	Production					Price per dozen				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
	Millions	Millions	Millions	Millions	Millions	Cents	Cents	Cents	Cents	Cents
Kentucky.....	731	766	739	809	819	15.1	20.7	19.7	19.4	17.7
Tennessee.....	712	744	730	763	756	15.2	20.4	19.8	19.3	17.9
Alabama.....	477	446	478	517	524	16.8	20.4	20.9	20.9	19.2
Mississippi.....	368	392	411	469	534	15.9	20.1	21.0	20.6	18.3
Arkansas.....	477	435	485	551	592	14.0	20.4	19.0	18.5	16.5
Louisiana.....	225	262	251	278	292	16.2	21.2	21.1	20.5	18.0
Oklahoma.....	887	827	780	871	944	13.6	20.1	18.3	17.6	15.7
Texas.....	1,098	1,620	1,822	1,990	1,998	14.6	20.6	18.5	18.2	16.5
South Central.....	5,575	5,462	5,696	6,248	6,459	14.8	20.5	19.2	18.8	17.1
Montana.....	196	176	162	162	173	15.2	23.1	22.9	24.4	23.3
Idaho.....	196	178	196	228	234	15.0	21.5	19.6	20.0	20.2
Wyoming.....	65	59	56	67	69	17.0	24.8	24.2	23.5	21.4
Colorado.....	326	299	279	318	325	14.8	22.6	21.0	20.3	19.0
New Mexico.....	95	92	90	89	98	17.2	24.0	23.9	22.7	20.6
Arizona.....	69	58	65	67	64	23.6	29.3	26.9	26.8	27.3
Utah.....	280	271	268	311	302	16.2	22.9	20.8	21.4	21.6
Nevada.....	25	26	26	28	25	20.0	26.0	24.5	25.0	24.7
Washington.....	907	781	877	963	783	18.4	23.7	21.9	21.1	22.1
Oregon.....	375	365	348	393	359	17.6	22.7	20.1	20.1	21.3
California.....	1,775	1,719	1,900	2,075	1,778	19.0	25.2	23.2	23.9	23.9
Western.....	4,309	4,024	4,267	4,701	4,210	18.0	24.2	22.4	22.5	22.6
United States.....	34,429	33,305	33,998	37,647	36,998	17.1	23.4	21.8	21.3	20.3

Bureau of Agricultural Economics. Revised for all years, 1934-36, since Agricultural Statistics 1938 was published.

TABLE 583.—Eggs: Farm production, disposition, and value, United States, 1925-38

Year	Hens and pullets on Jan. 1	Eggs per layer ¹	Eggs produced	Eggs used for farm hatching	Eggs consumed in farm household	Eggs sold	Farm price per dozen	Farm value of eggs produced
	Thousands	Number	Millions	Millions	Millions	Millions	Cents	1,000 dollars
1925.....	360,517	90	34,969	973	7,086	26,910	30.4	880,567
1926.....	393,849	95	37,248	1,025	7,378	28,845	28.9	894,183
1927.....	414,875	93	38,627	1,057	7,612	29,958	28.1	802,823
1928.....	427,139	91	38,659	978	7,413	30,268	28.1	899,432
1929.....	403,774	94	37,921	966	7,147	29,779	29.8	935,538
1930.....	420,451	93	39,067	935	7,519	30,613	23.7	765,269
1931.....	401,776	96	38,532	909	7,995	29,628	17.6	558,682
1932.....	385,826	94	36,298	891	7,992	27,415	14.2	422,004
1933.....	390,743	91	35,514	855	7,022	26,737	13.8	403,425
1934.....	385,341	89	34,429	738	7,638	26,033	17.1	453,731
1935.....	350,407	95	33,305	696	7,437	25,173	23.4	642,372
1936.....	360,687	94	33,996	718	7,648	25,630	21.8	612,305
1937.....	376,513	100	37,647	864	8,187	28,896	21.3	661,121
1938.....	350,286	106	36,998	604	8,432	27,962	20.3	617,683

¹ Number of eggs produced during the year, divided by the number of hens and pullets on hand Jan. 1.

Bureau of Agricultural Economics. Revised for all years, 1925-36, since 1938 Agricultural Statistics was published.

TABLE 584.—Eggs: Farm production, disposition, and value, by States, 1937

State and division	Hens and pullets on Jan. 1	Eggs per layer ¹	Eggs produced	Eggs used for farm hatching	Eggs consumed in farm household	Eggs	Price per dozen	Farm value of eggs produced
	Thousands	Number	Millions	Millions ²	Millions	Millions	Cents	1,000 dollars
Maine.....	1,717	139	239	2	34	203	29.0	6,776
New Hampshire.....	1,355	144	195	3	15	177	30.9	5,021
Vermont.....	800	140	112	1	27	84	27.9	2,404
Massachusetts.....	2,860	140	400	5	31	364	32.8	10,933
Rhode Island.....	318	140	45	1	5	39	33.3	1,249
Connecticut.....	2,143	144	309	4	29	276	31.6	8,137
New York.....	13,903	129	1,793	9	207	1,577	26.3	39,297
New Jersey.....	4,587	135	619	6	35	578	30.4	15,681
Pennsylvania.....	18,299	114	2,066	14	252	1,820	24.9	43,284
North Atlantic.....	45,982	126.1	5,798	45	635	5,118	27.4	131,982
Ohio.....	20,521	108	2,216	14	351	1,851	21.0	38,780
Indiana.....	14,551	101	1,470	14	295	1,161	19.4	23,785
Illinois.....	21,051	90	1,895	21	376	1,498	19.3	30,478
Michigan.....	12,202	111	1,354	6	262	1,086	24.4	24,146
Wisconsin.....	15,092	112	1,758	6	306	1,446	20.5	30,032
East North Central.....	84,017	103.5	8,693	61	1,590	7,042	20.3	147,201
Minnesota.....	16,881	97	1,637	17	317	1,303	18.2	24,828
Iowa.....	26,941	87	2,344	22	408	1,904	18.3	35,746
Missouri.....	18,733	93	1,742	31	403	1,308	18.0	26,130
North Dakota.....	3,301	85	281	6	124	151	17.9	4,192
South Dakota.....	5,624	80	450	10	122	318	17.4	6,525
Nebraska.....	11,400	86	980	21	227	732	17.1	13,965
Kansas.....	13,686	100	1,369	23	298	1,048	17.2	19,622
West North Central.....	96,566	91.2	8,803	140	1,899	6,764	17.9	131,008
North Central.....	180,583	96.9	17,496	201	3,489	13,806	19.1	278,209
Delaware.....	963	108	104	7	12	85	23.7	2,084
Maryland.....	3,248	107	348	8	49	291	22.9	6,641
Virginia.....	9,109	100	911	26	188	697	21.6	16,398
West Virginia.....	3,981	102	406	6	110	290	22.1	7,477
North Carolina.....	8,251	80	660	29	325	306	22.7	12,485
South Carolina.....	3,416	76	290	13	126	121	23.4	5,070
Georgia.....	6,658	78	519	19	200	300	23.0	9,948
Florida.....	1,984	99	196	4	52	140	26.4	4,312
South Atlantic.....	37,610	90.5	3,404	112	1,062	2,230	22.7	64,385
Kentucky.....	9,990	81	809	25	290	494	19.4	13,079
Tennessee.....	9,788	78	763	26	244	493	19.3	12,272
Alabama.....	6,307	82	517	19	244	254	20.9	9,004
Mississippi.....	6,248	75	469	19	215	235	20.6	8,051
Arkansas.....	7,549	73	551	25	237	289	18.5	8,495
Louisiana.....	3,966	70	278	11	133	154	20.5	4,749
Oklahoma.....	9,677	90	871	18	280	573	17.6	12,775
Texas.....	22,112	90	1,990	40	638	1,312	18.2	30,182
South Central.....	75,637	82.6	6,248	183	2,281	3,784	18.8	98,607
Montana.....	1,708	95	162	2	56	104	24.4	3,294
Idaho.....	2,209	103	228	2	65	161	20.0	3,800
Wyoming.....	664	101	67	1	23	43	23.5	1,312
Colorado.....	3,177	100	318	5	95	218	20.3	5,380
New Mexico.....	975	91	89	1	45	43	22.7	1,694
Arizona.....	896	113	67	1	16	50	20.8	1,496
Utah.....	2,339	133	311	1	37	273	21.4	5,546
Nevada.....	218	129	28	0	5	23	25.0	583
Washington.....	6,461	149	963	2	121	840	21.1	16,933
Oregon.....	2,870	137	393	2	90	301	20.1	6,553
California.....	15,484	134	2,075	6	167	1,902	23.9	41,327
Western.....	36,701	128.1	4,701	23	720	3,958	22.5	87,938
United States.....	376,513	100.0	37,647	564	8,187	28,896	21.3	661,121

¹ Number of eggs produced during the year, divided by number of all hens and pullets on hand Jan. 1.² Rounded to nearest whole million, less than a half million being shown as 0.

Bureau of Agricultural Economics.

TABLE 585.—Eggs: Receipts at five markets, by months, 1929-39

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>
Boston:													
1929.....	133	96	190	290	234	177	176	125	110	77	54	53	1,718
1930.....	96	112	209	227	208	175	138	102	82	66	68	90	1,573
1931.....	126	153	198	207	219	188	125	108	95	77	62	78	1,636
1932.....	98	138	181	164	201	155	117	109	79	71	64	62	1,439
1933.....	92	98	145	207	175	141	132	91	58	68	68	65	1,330
1934.....	88	118	164	170	156	142	98	101	68	71	66	51	1,263
1935.....	78	88	153	169	145	119	102	86	63	64	71	79	1,217
1936.....	76	76	175	160	154	133	95	86	56	48	42	57	1,158
1937.....	70	64	116	126	137	104	103	90	66	64	76	82	1,068
1938.....	111	94	126	142	137	122	99	80	66	70	70	83	1,200
1939.....	107	82	120	135									
New York:													
1929.....	394	371	821	1,061	999	837	668	526	444	380	293	335	7,129
1930.....	461	511	938	1,155	1,076	785	645	451	490	373	322	382	7,595
1931.....	478	530	940	1,116	1,052	868	568	516	484	398	347	7	6,601
1932.....	475	554	663	827	873	689	534	533	438	417	345	354	6,702
1933.....	593	491	769	934	1,021	710	588	493	369	352	269	296	6,885
1934.....	412	605	777	752	815	662	527	420	374	373	337	382	6,436
1935.....	419	458	634	717	822	651	529	380	392	365	370	438	6,175
1936.....	485	397	879	818	877	807	604	490	412	358	268	369	6,764
1937.....	626	496	752	829	856	794	561	450	402	358	361	362	6,847
1938.....	465	490	628	773	794	688	493	434	360	337	300	386	6,154
1939.....	545	466	691	768									
Philadelphia:													
1929.....	118	76	169	234	220	181	156	143	131	94	74	101	1,697
1930.....	100	112	204	244	261	178	145	94	114	91	86	130	1,759
1931.....	133	148	189	205	184	186	141	132	124	92	97	99	1,730
1932.....	120	105	136	193	171	153	114	110	126	101	90	84	1,496
1933.....	120	118	161	183	181	137	113	105	120	97	88	107	1,530
1934.....	111	113	161	170	149	142	109	104	74	91	91	91	1,406
1935.....	95	88	148	125	141	115	118	99	105	92	89	118	1,333
1936.....	95	74	142	132	145	132	101	92	81	91	72	88	1,245
1937.....	103	80	140	149	125	101	101	74	93	82	80	93	1,321
1938.....	85	77	109	109	131	122	97	98	80	66	64	103	1,171
1939.....	88	95	112	114									
Chicago:													
1929.....	206	222	554	924	799	554	342	301	210	135	62	89	4,398
1930.....	202	308	641	927	747	516	381	231	211	131	69	111	4,475
1931.....	231	367	634	867	709	559	290	238	191	96	61	71	4,314
1932.....	178	224	378	657	663	437	258	219	161	104	60	73	3,412
1933.....	189	229	491	881	1,049	524	260	206	133	76	37	43	3,697
1934.....	125	267	647	889	736	445	217	146	100	53	29	43	3,697
1935.....	92	158	480	768	762	544	352	222	159	120	51	86	3,794
1936.....	164	187	490	812	827	574	373	252	174	94	61	135	4,162
1937.....	213	209	523	824	953	600	348	255	163	107	81	95	4,371
1938.....	199	238	690	868	780	503	280	205	145	115	73	111	4,207
1939.....	233	277	630	906									
San Francisco:													
1929.....	67	63	82	86	80	65	67	55	49	49	49	54	766
1930.....	59	67	71	79	73	74	69	65	50	55	47	56	765
1931.....	58	66	85	83	72	61	56	50	49	59	54	56	758
1932.....	72	68	77	75	63	62	57	64	51	46	45	45	725
1933.....	57	52	73	76	76	63	59	58	53	58	61	62	748
1934.....	72	62	75	70	71	61	58	57	49	67	66	75	783
1935.....	66	66	73	87	93	74	69	69	62	63	60	63	845
1936.....	69	77	103	100	85	81	74	60	59	61	39	38	846
1937.....	64	75	117	101	83	78	75	72	67	60	68	60	929
1938.....	66	70	86	86	74	74	66	72	63	58	61	77	855
1939.....	68	69	96	82									
5 markets:													
1929.....	918	831	1,816	2,595	2,332	1,814	1,409	1,150	944	735	532	632	15,708
1930.....	1,026	1,110	2,063	2,632	2,365	1,728	1,378	943	953	716	592	769	16,167
1931.....	1,089	1,294	2,046	2,478	2,236	1,862	1,180	1,053	943	722	578	651	16,039
1932.....	937	1,089	1,435	1,916	1,971	1,496	1,080	1,035	854	739	604	618	13,774
1933.....	1,051	988	1,639	2,281	2,502	1,575	1,152	853	733	651	513	590	14,628
1934.....	808	1,165	1,824	2,051	1,927	1,452	1,009	828	665	635	589	642	13,615
1935.....	750	858	1,488	1,866	1,963	1,503	1,170	856	781	704	641	784	13,364
1936.....	889	811	1,798	2,022	2,088	1,727	1,247	880	782	652	482	687	14,165
1937.....	1,076	924	1,648	2,029	2,154	1,677	1,188	941	791	671	666	701	14,466
1938.....	926	969	1,639	1,978	1,916	1,509	1,035	889	716	616	574	780	13,557
1939.....	1,041	989	1,649	2,063									

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets. Reported in cases of 30 dozen.

TABLE 586.—*Eggs: Receipts at five markets, 1919-38*

Year	New York	Chi- cago	Phila- delphia	Bos- ton	San Fran- cisco	Year	New York	Chi- cago	Phila- delphia	Bos- ton	San Fran- cisco
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>		<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>
1919.....	6,008	4,617	1,704	1,659	698	1920.....	7,129	4,398	1,697	1,718	766
1920.....	4,991	4,154	1,396	1,648	757	1930.....	7,595	4,475	1,759	1,573	765
1921.....	6,579	4,155	1,642	1,823	811	1931.....	7,601	4,314	1,730	1,636	758
1922.....	6,821	4,684	1,703	1,970	838	1932.....	6,702	3,412	1,496	1,439	725
1923.....	7,156	5,009	1,727	1,944	855	1933.....	6,885	4,135	1,530	1,330	748
1924.....	6,543	4,679	1,595	1,829	760	1934.....	6,436	3,697	1,446	1,293	783
1925.....	6,894	4,498	1,572	1,833	743	1935.....	6,175	3,794	1,333	1,217	845
1926.....	6,818	4,575	1,566	1,808	744	1936.....	6,764	4,152	1,244	1,158	846
1927.....	7,048	4,901	1,549	1,960	750	1937.....	6,847	4,371	1,221	1,098	929
1928.....	7,288	4,601	1,735	1,757	756	1938.....	6,154	4,207	1,141	1,200	855

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets. Reported in cases of 30 dozen.

TABLE 587.—*Eggs: Receipts at six markets, by State of origin, 1937 and 1938*

Market and origin	1937	1938	Market and origin	1937	1938	Market and origin	1937	1938
BOSTON	<i>1,000 cases</i>	<i>1,000 cases</i>	NEW YORK	<i>1,000 cases</i>	<i>1,000 cases</i>	PHILADELPHIA— continued	<i>1,000 cases</i>	<i>1,000 cases</i>
Illinois.....	95	131	California.....	132	103	Michigan.....	14	5
Indiana.....	72	59	Delaware.....	52	26	Minnesota.....	151	232
Iowa.....	270	352	Idaho.....	84	93	Missouri.....	38	45
Kansas.....	51	88	Illinois.....	464	400	Nebraska.....	20	33
Maine.....	100	91	Indiana.....	371	322	New York.....	11	6
Massachusetts.....	74	86	Iowa.....	1,203	1,362	Ohio.....	37	36
Michigan.....	24	20	Kansas.....	119	155	Pennsylvania.....	317	215
Minnesota.....	84	72	Kentucky.....	9	8	Tennessee.....	15	13
Missouri.....	32	59	Maryland.....	91	52	Virginia.....	77	33
Nebraska.....	9	21	Michigan.....	73	37	Washington.....	41	19
New Hampshire.....	124	101	Minnesota.....	439	636	West Virginia.....	2	5
New York.....	14	17	Missouri.....	106	151	Wisconsin.....	21	29
Ohio.....	42	25	Nebraska.....	61	86	Other States.....	92	82
Vermont.....	27	20	New Jersey.....	256	183			
Other States.....	80	88	New York.....	1,165	800	Total.....	1,221	1,141
Total.....	1,098	1,200	Ohio.....	269	231	SAN FRANCISCO		
CHICAGO			Oregon.....	87	66	California.....	865	819
California.....	7	4	Pennsylvania.....	519	401	Idaho.....	3	2
Illinois.....	649	529	Tennessee.....	28	32	Oregon.....	44	13
Iowa.....	1,052	1,246	Utah.....	393	321	Washington.....	1	3
Kansas.....	107	131	Virginia.....	124	65	Other States.....	16	18
Michigan.....	45	20	Washington.....	597	442	Total.....	929	855
Minnesota.....	630	678	Wisconsin.....	114	94	LOS ANGELES		
Missouri.....	283	431	Other States.....	101	85	California.....	817	725
Nebraska.....	247	317	Total.....	6,847	6,154	Idaho.....	6	7
North Dakota.....	16	18	PHILADELPHIA			Oregon.....	63	93
Oklahoma.....	3	14	California.....	19	6	Utah.....	21	20
South Dakota.....	148	118	Delaware.....	18	10	Washington.....	73	71
Texas.....	(1)		Illinois.....	87	105	Other States.....	1	56
Wisconsin.....	866	576	Indiana.....	13	20	Total.....	981	972
Other States.....	318	125	Iowa.....	145	154			
Total.....	4,371	4,207	Kansas.....	31	42			
			Maryland.....	72	51			

¹ Not over 500 cases.

Bureau of Agricultural Economics. Compiled from reports of Bureau representatives in the various markets. Reported in cases of 30 dozen.

TABLE 588.—Eggs, shell and frozen: Cold-storage holdings, United States, 1929-39

Kind and year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Dec. 1
Shell eggs: ¹	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1929.....	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415
1930.....	704	704	704	704	704	704	704	704	704	704	704	704
1931.....	1,494	735	408	1,893	5,162	7,887	9,507	9,504	9,016	7,960	5,745	3,447
1932.....	1,476	663	258	700	2,982	5,380	6,339	6,431	5,960	4,895	3,225	1,199
1933.....	159	75	163	1,833	4,857	8,062	9,364	9,507	8,944	7,466	5,175	2,641
1934.....	731	50	90	1,208	4,640	7,819	8,965	8,961	7,938	6,803	4,633	2,390
1935.....	648	39	34	1,508	3,901	6,366	7,595	7,947	7,373	6,353	4,644	2,738
1936.....	664	159	13	807	3,039	5,707	7,068	7,335	7,006	5,817	3,788	1,755
1937.....	651	459	322	1,413	4,405	7,300	8,548	8,718	8,590	7,088	5,195	2,672
1938.....	831	314	281	1,303	3,204	5,100	6,255	6,411	5,942	4,765	3,244	1,439
1939.....	302	136	165	1,105	3,357	5,880	6,971	.....	.....	.....	.....	.....
Frozen eggs: ²	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	56,181	48,055	38,250	34,918	51,825	71,560	94,766	91,488	86,693	81,541	70,331	61,772
1930.....	53,644	44,080	35,192	49,751	76,664	106,904	115,134	116,272	113,138	106,631	98,359	89,871
1931.....	83,194	75,685	73,889	78,051	91,517	106,607	113,513	114,706	110,271	103,302	94,816	86,407
1932.....	79,198	72,439	68,024	69,031	81,620	94,978	100,485	99,112	92,967	84,187	74,314	64,150
1933.....	55,339	46,448	40,459	45,090	62,944	85,323	103,019	107,660	102,449	93,182	82,302	72,348
1934.....	61,419	49,910	39,181	38,679	62,632	93,947	116,058	121,564	111,994	99,951	88,715	70,073
1935.....	64,879	52,726	39,413	39,516	59,313	84,680	107,937	116,274	112,585	98,653	88,018	79,035
1936.....	69,546	59,722	46,367	45,848	69,172	94,014	111,725	115,485	108,614	96,660	82,029	66,390
1937.....	51,837	39,104	34,390	53,074	88,186	133,132	164,830	166,876	160,258	148,216	133,805	120,921
1938.....	109,210	95,598	88,754	96,475	115,874	130,872	138,510	135,329	125,018	110,244	94,305	78,091
1939.....	62,903	50,345	44,476	60,465	88,867	117,900	140,377	.....	.....	.....	.....	.....
Frozen eggs, case equivalent: ³	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1929.....	1,006	1,373	1,093	998	1,481	2,045	2,422	2,614	2,477	2,330	2,009	1,765
1930.....	1,533	1,259	1,005	1,421	2,190	3,054	3,290	3,322	3,233	3,047	2,810	2,569
1931.....	2,377	2,162	2,111	2,230	2,815	3,046	3,243	3,277	3,151	2,951	2,709	2,469
1932.....	2,263	2,070	1,944	1,972	2,341	2,714	2,871	2,832	2,656	2,405	2,123	1,833
1933.....	1,581	1,327	1,186	1,288	1,798	2,438	2,943	3,076	2,927	2,662	2,352	2,067
1934.....	1,755	1,426	1,119	1,105	1,789	2,684	3,316	3,473	3,201	2,856	2,535	2,174
1935.....	1,854	1,506	1,126	1,129	1,695	2,419	3,084	3,322	3,217	2,819	2,515	2,288
1936.....	1,987	1,706	1,325	1,310	1,976	2,686	3,192	3,300	3,103	2,762	2,444	1,885
1937.....	1,481	1,117	983	1,516	2,520	3,804	4,709	4,768	4,579	4,235	3,823	3,455
1938.....	3,120	2,731	2,536	2,756	3,311	3,739	3,957	3,867	3,572	3,150	2,694	2,231
1939.....	1,797	1,438	1,271	1,728	2,539	3,369	4,011	.....	.....	.....	.....	.....
Total case equivalent, shell and frozen eggs:												
1929.....	3,020	1,621	1,104	1,557	5,433	8,750	10,932	11,576	11,024	9,525	8,939	4,396
1930.....	2,237	1,398	1,080	3,652	7,956	12,232	14,033	14,520	13,608	12,221	9,595	6,713
1931.....	4,271	2,897	2,519	4,123	7,777	10,933	12,750	12,781	12,167	10,911	8,454	5,916
1932.....	3,738	2,733	2,202	2,672	5,323	8,094	9,210	9,263	8,616	7,300	5,348	2,032
1933.....	1,740	1,402	1,319	3,121	6,055	10,500	12,307	12,583	11,871	10,128	7,527	4,708
1934.....	2,486	1,476	1,209	2,313	6,429	10,503	12,281	12,434	11,138	9,659	7,168	4,554
1935.....	2,502	1,845	1,100	2,637	5,596	8,786	10,679	11,269	10,590	9,172	7,159	4,996
1936.....	2,951	1,865	1,338	2,117	8,015	8,393	10,250	10,635	10,109	8,579	6,132	3,656
1937.....	2,122	1,586	1,305	2,929	6,928	11,104	13,257	13,486	12,969	11,293	8,981	6,127
1938.....	3,951	3,045	2,817	4,059	6,515	8,839	10,212	10,278	9,514	7,915	5,938	3,670
1939.....	2,099	1,574	1,436	2,833	5,896	9,249	10,982	.....	.....	.....	.....	.....

¹ 30-dozen cases.² Quantities given are net weight. 35 pounds of frozen eggs are approximately equivalent to 1 case of 30 dozen shell eggs.³ These are the same quantities as shown above, under frozen eggs, reduced to the basis of equivalent cases of shell eggs by dividing by 35 pounds.

Bureau of Agricultural Economics. Compiled from reports made by cold-storage establishments. Data for earlier years in 1928 Yearbook, tables 488 and 489.

TABLE 589.—Eggs: Annual average price per dozen received by farmers, United States, 1909-38¹

Year	Weighted average	Year	Weighted average	Year	Weighted average	Year	Weighted average	Year	Weighted average	Year	Weighted average
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1909..	20.0	1914..	20.5	1919..	41.3	1924..	26.7	1929..	29.8	1934..	17.1
1910..	20.9	1915..	19.4	1920..	43.5	1925..	30.4	1930..	23.7	1935..	23.4
1911..	17.5	1916..	22.1	1921..	28.3	1926..	28.0	1931..	17.6	1936..	21.8
1912..	20.2	1917..	31.8	1922..	25.0	1927..	25.1	1932..	14.2	1937..	21.3
1913..	19.4	1918..	36.0	1923..	26.5	1928..	28.1	1933..	13.8	1938..	² 20.3

¹ Revised.² Preliminary.

Bureau of Agricultural Economics. Yearly prices obtained by weighting State averages by estimated sales.

TABLE 590.—Eggs: Average price per dozen received by farmers, United States, 1929-39

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15	Weighted average ¹
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1929.....	33.0	31.9	28.0	23.0	24.4	26.1	27.2	29.8	33.9	38.4	44.2	45.8	29.8
1930.....	38.4	31.8	21.3	21.5	20.0	18.6	18.8	20.0	25.3	26.5	31.7	26.8	23.7
1931.....	22.1	14.1	17.0	16.2	13.3	14.1	14.8	17.3	19.1	22.7	26.4	25.6	17.6
1932.....	17.2	12.8	10.4	10.2	10.3	10.6	12.0	14.7	17.2	22.5	26.1	28.1	14.2
1933.....	21.4	11.0	10.1	10.3	11.8	10.1	13.1	13.3	16.3	20.8	24.0	21.6	13.8
1934.....	17.6	15.8	14.4	13.5	13.3	13.2	14.1	17.2	21.9	23.7	28.6	27.0	17.1
1935.....	25.0	25.6	18.6	20.0	21.4	21.0	21.7	22.7	26.4	27.9	30.1	28.7	23.4
1936.....	22.8	23.8	17.5	16.8	18.1	18.9	20.0	22.4	24.5	27.6	32.5	30.5	21.8
1937.....	23.1	20.1	19.9	20.1	17.9	17.6	19.4	20.4	22.9	25.2	28.0	26.0	21.3
1938.....	21.6	16.4	16.2	15.9	17.6	18.2	19.9	21.0	24.9	27.1	29.0	27.9	² 20.3
1939.....	18.8	16.7	16.0	15.5	15.2	-----	-----	-----	-----	-----	-----	-----	-----

¹ Revised.² Preliminary.

Bureau of Agricultural Economics; based on returns from special price reporters. Monthly prices, by States, weighted by Census production 1919 to obtain the United States averages from 1925 through May 1932, and by 1929 census sales thereafter. Yearly prices obtained by weighting annual State averages by sales in each State. Data for earlier years in February 1936 issue of Crops and Markets, p. 46.

TABLE 591.—Eggs: Wholesale price per dozen at five markets, 1919-39

Market, grade, and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
New York:¹													
Fresh Firsts:													
1919	61.9	43.5	43.7	42.7	46.0	43.9	46.3	48.5	51.2	62.0	69.2	79.0	53.2
1920	71.4	59.1	48.8	43.5	44.3	43.0	46.9	51.0	56.8	63.5	77.0	78.2	57.9
1921	66.8	41.8	30.6	27.1	24.7	26.7	36.3	35.3	39.0	49.0	58.2	53.9	40.5
1922	40.9	37.6	25.2	25.0	26.6	24.7	24.2	25.6	38.8	43.3	52.0	53.0	34.9
1923	41.9	36.9	30.8	27.4	27.3	24.2	25.2	28.8	35.8	38.5	52.8	47.2	34.7
1924	41.6	38.6	24.5	24.2	25.1	27.1	28.1	32.7	39.1	43.9	52.4	57.1	36.2
1925	58.2	42.0	30.4	29.4	31.5	32.6	33.5	32.9	36.6	43.4	57.3	49.4	39.8
1926	38.2	31.2	28.5	30.4	30.7	30.1	29.1	31.1	37.3	40.7	50.7	48.6	35.6
1927	41.1	30.7	25.4	24.5	23.5	23.0	24.8	28.4	34.3	39.6	43.7	44.6	32.0
1928	46.6	33.8	28.7	28.4	29.6	29.5	30.2	31.5	32.9	35.1	36.6	36.3	33.1
1929	35.9	32.9	33.2	22.1	30.9	30.7	32.3	34.4	36.5	39.6	48.5	51.3	36.9
1930	42.7	36.5	25.7	25.7	23.6	23.1	21.4	24.5	25.1	25.2	33.5	27.1	27.8
1931	23.4	17.7	20.9	18.9	18.0	17.0	19.1	19.6	21.1	23.9	29.2	25.6	21.2
1932	18.8	16.9	13.9	14.2	14.8	14.1	15.1	17.3	20.9	24.0	30.6	31.4	19.3
1933	23.3	13.5	13.7	13.7	14.2	13.4	15.1	14.2	18.0	19.9	24.1	20.7	17.0
1934	22.3	19.2	17.7	16.8	16.4	16.1	16.6	20.6	22.1	23.6	27.6	27.3	20.5
1935	29.8	30.3	21.5	23.9	25.3	24.3	24.3	25.9	27.1	27.0	29.1	27.5	26.3
1936	24.5	31.1	21.2	20.1	21.5	22.3	22.8	23.6	24.7	26.9	33.3	31.5	25.3
1937	24.9	22.6	23.4	22.5	20.9	20.5	21.4	21.2	23.1	26.3	28.4	28.3	22.9
1938	22.2	18.0	18.0	18.3	20.9	20.5	21.5	22.1	25.3	26.8	28.8	27.7	22.5
1939	19.4	17.7	17.4	17.1	16.4								
Chicago:²													
Fresh Firsts:													
1929	35.4	38.9	29.6	26.2	29.5	28.8	30.8	34.0	36.3	41.3	47.0	47.4	35.4
1930	40.8	33.4	24.3	23.7	21.4	22.1	21.1	24.9	25.9	28.2	33.7	26.4	27.2
1931	21.1	16.2	19.2	17.5	16.7	15.9	17.9	19.1	20.0	24.3	29.3	24.8	20.2
1932	17.5	14.6	12.2	12.5	12.9	12.5	13.8	17.0	20.0	23.7	29.7	28.8	17.9
1933	20.6	12.9	12.4	12.7	13.2	12.2	14.0	13.7	17.0	19.5	22.6	19.3	15.8
1934	20.3	17.0	16.6	15.6	15.2	14.7	15.3	19.5	21.3	23.5	26.7	26.2	19.3
1935	27.5	27.8	21.2	23.0	24.0	22.9	22.9	24.6	26.1	26.8	29.2	27.2	25.3
1936	23.2	27.5	19.6	19.2	20.2	21.0	21.4	22.6	24.8	27.4	33.5	29.6	24.2
1937	23.2	21.7	22.6	21.8	20.1	19.1	20.0	20.1	22.2	22.1	25.6	24.3	21.9
1938	20.9	16.9	17.4	17.8	19.5	19.3	20.3	21.0	24.1	25.3	27.3	25.4	21.3
1939	18.1	16.5	16.6	16.4	15.8								
Boston:³													
Western Firsts:													
1929	38.4	42.4	33.2	28.1	31.2	31.2	32.5	34.7	37.3	40.0	48.8	51.3	37.4
1930	43.3	37.2	26.3	26.3	23.8	23.9	22.4	24.5	25.4	26.7	33.6	28.8	28.5
1931	24.2	18.3	21.2	19.7	18.5	17.4	19.3	19.8	21.4	25.0	29.4	26.8	21.8
1932	19.7	16.9	13.5	14.1	14.8	14.4	15.3	17.5	21.0	24.3	31.3	32.0	19.6
1933	23.5	14.1	14.1	14.2	14.6	13.9	15.5	14.7	18.2	21.2	24.9	21.9	17.6
1934	23.0	19.9	18.3	17.4	16.8	17.0	17.2	20.6	23.0	24.4	27.3	27.4	21.0
1935	30.1	29.8	22.4	24.7	25.8	24.8	25.4	26.7	28.0	28.1	30.9	27.1	27.0
1936	35.7	31.2	21.9	20.5	22.2	23.0	23.7	25.0	25.8	27.9	29.7	(*)	28.1
1937	(*)	23.2	24.5	23.6	21.9	21.5	22.7	22.3	23.9	24.4	27.2	(*)	23.5
1938	22.8	18.7	19.1	19.2	21.5	21.4	22.7	23.4	27.7	28.5	(*)	(*)	22.5
1939	19.2	18.1	18.1	17.7	17.2								
Philadelphia:⁴													
Extra Firsts:													
1929	41.6	43.8	34.1	29.3	32.8	33.4	35.7	39.0	43.7	49.4	55.9	58.2	41.4
1930	46.1	39.6	27.8	27.8	26.0	27.1	28.0	31.9	26.3	35.4	44.2	33.2	32.8
1931	26.4	19.7	22.1	20.3	19.2	20.7	24.0	24.7	25.7	28.5	34.7	31.4	24.8
1932	21.8	18.7	16.1	16.4	17.1	17.4	18.7	22.0	25.1	29.7	36.8	35.9	23.0
1933	26.6	16.6	15.7	15.9	16.2	16.7	19.1	19.4	24.2	28.2	33.3	29.6	21.8
1934	25.8	22.0	21.1	18.9	18.9	20.7	22.4	26.9	28.8	32.7	40.0	34.7	26.1
1935	34.0	32.5	24.2	26.2	27.6	28.1	30.1	34.1	39.1	42.7	40.2	34.5	32.8
1936	29.5	32.6	24.9	23.5	24.5	27.3	30.2	33.5	38.3	42.3	44.6	36.7	32.3
1937	28.1	25.5	26.9	26.2	25.5	27.0	30.7	32.2	38.0	39.8	39.3	33.3	31.0
1938	26.5	23.2	22.9	24.2	26.1	28.3	31.5	34.5	39.0	42.4	41.2	38.8	31.7
1939	26.1	26.4	23.0	23.0	22.4								
San Francisco:⁵													
Fresh Extras:													
1929	31.2	25.8	25.0	25.9	31.2	32.5	37.2	41.3	44.1	51.5	49.2	44.1	36.5
1930	36.4	28.5	28.5	28.5	27.2	25.5	25.7	30.9	37.4	39.7	41.0	27.0	31.4
1931	22.5	19.0	19.5	19.5	19.5	19.5	22.5	26.3	31.2	37.3	30.3	29.3	24.9
1932	20.0	16.8	16.6	16.5	16.4	16.6	18.2	19.8	26.8	30.2	33.3	27.6	21.6
1933	23.6	14.8	15.5	15.8	17.0	17.5	19.2	21.1	26.3	28.7	28.8	23.8	21.0
1934	16.4	16.7	15.5	15.6	16.4	18.4	20.9	25.5	28.3	33.5	32.3	27.0	22.4
1935	26.5	22.7	21.5	23.1	26.4	26.5	27.1	29.2	33.2	36.5	33.5	28.1	27.8
1936	22.0	20.1	19.6	20.0	20.5	22.8	25.7	29.0	32.8	35.5	36.5	32.3	26.4
1937	25.0	21.5	22.4	22.5	22.5	22.5	23.7	27.5	34.0	34.4	34.0	28.7	26.6
1938	22.1	19.1	19.5	19.8	21.8	24.0	27.3	30.6	33.0	36.7	36.1	35.2	27.1
1939	23.1	20.5	21.5	21.2	20.9								

¹ The American Produce Review.² Chicago Dairy Produce Yearbook.³ Bureau of Agricultural Economics.⁴ Not available.⁵ Jackson Hensler Report (Philadelphia) until 1935, when grade was changed to U. S. Extras and price reported by Bureau of Agricultural Economics.⁶ Bureau of Agricultural Economics.

Bureau of Agricultural Economics. Prices in this table are straight averages of daily prices.

TABLE 592.—*Eggs and poultry: Quantities officially graded by Federal and Federal-State graders, 1928-37*

Year beginning July	Shell eggs	Dressed poultry	Dressed turkeys	Year beginning July	Shell eggs	Dressed poultry	Dressed turkeys
	<i>50-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>		<i>50-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>
1928.....	335,768	113,852	1,735,652	1933.....	723,574	10,781,319	7,439,972
1929.....	382,852	321,221	7,492,968	1934.....	757,597	11,678,175	10,962,948
1930.....	385,143	5,905,250	5,464,052	1935.....	978,637	10,003,617	12,650,672
1931.....	342,391	3,821,534	5,162,504	1936.....	1,175,793	10,141,124	30,745,403
1932.....	515,973	5,439,657	6,288,843	1937.....	1,355,322	12,357,780	24,128,837

Bureau of Agricultural Economics.

TABLE 593.—*Eggs: Quantity graded for packaging with certificates of quality and grade seals, 1929-37*¹

Year beginning July	U. S. Specials	U. S. Extras	U. S. Standards	Year beginning July	U. S. Specials	U. S. Extras	U. S. Standards
	<i>50-dozen cases</i>	<i>50-dozen cases</i>	<i>50-dozen cases</i>		<i>50-dozen cases</i>	<i>50-dozen cases</i>	<i>50-dozen cases</i>
1929.....	10,896	4,820	115	1934.....	52,001	75,143	17,128
1930.....	37,616	24,069	5,168	1935.....	67,611	123,427	33,812
1931.....	35,480	13,524	19	1936.....	76,189	152,180	53,838
1932.....	36,335	21,333	---	1937.....	76,364	151,106	92,367
1933.....	44,368	51,936	813				

¹ The use of certificates of quality is limited to eggs of the quality of U. S. Specials and U. S. Extras. Grade seals are used on eggs of the quality of U. S. Standards (retail grade B). The eggs in above tabulation are included in the data in table 592, showing total eggs graded.

Bureau of Agricultural Economics. This special service began March 1930.

TABLE 594.—*Eggs: Volume of trading in futures on all contract markets, 1933-39*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>	<i>Car-lots</i>
1933.....	712	911	1,211	2,591	3,202	3,500	9,458	4,778	5,669	5,915	6,203	4,644	48,794
1934.....	2,048	620	1,457	2,160	1,540	2,101	1,672	4,842	5,621	4,746	4,729	3,860	34,796
1935.....	1,956	2,068	2,303	4,129	3,738	2,757	2,054	1,684	3,640	6,458	5,950	3,006	40,343
1936.....	1,659	1,425	779	1,896	2,430	3,243	3,313	3,663	3,611	5,830	5,554	6,920	40,323
1937.....	4,368	867	1,616	3,319	2,844	2,041	2,255	3,013	6,283	10,352	6,467	5,789	49,214
1938.....	2,211	1,591	1,537	2,952	3,119	2,223	2,531	2,635	7,081	6,388	7,813	5,913	45,994
1939.....	3,433	965	1,147	2,358	---	---	---	---	---	---	---	---	---

Commodity Exchange Administration. Contract markets include Chicago Mercantile Exchange and New York Mercantile Exchange. Quantities are expressed in carlots of 400 cases or 12,000 dozen eggs.

STATISTICS OF FOREIGN TRADE IN AGRICULTURAL PRODUCTS

TABLE 595.—Summary of the value of total and agricultural exports and imports, United States, 1900-1927

Year beginning July	Total domestic exports	Agricultural exports ¹				Agricultural imports ²		Excess of agricul- tural exports
		Domestic		Reex- ports ³	Total imports	Value ⁴	Percent- age of total imports	
		Value ⁵	Percent- age of total exports					
	1,000 dollars	1,000 dollars	Percent	1,000 dollars	1,000 dollars	1,000 dollars	Percent	1,000 dollars
1900.....	1,460,463	949,147	65.0	13,523	823,172	417,592	50.7	545,078
1901.....	1,355,482	854,661	63.1	12,601	903,321	436,391	48.3	430,871
1902.....	1,392,231	876,514	63.0	15,267	1,025,719	483,885	47.2	407,896
1903.....	1,435,179	857,581	59.8	15,497	991,087	498,691	50.3	374,387
1904.....	1,491,745	825,160	55.3	14,962	1,117,513	600,829	53.7	239,593
1905.....	1,717,953	974,626	56.7	14,113	1,226,562	596,560	48.6	392,170
1906.....	1,853,718	1,052,648	56.8	15,172	1,434,421	683,070	47.6	384,750
1907.....	1,834,786	1,015,634	55.4	13,266	1,194,342	572,658	47.9	456,244
1908.....	1,638,356	901,391	55.0	12,741	1,311,920	695,646	53.0	218,486
1909.....	1,710,084	869,244	50.8	22,132	1,556,947	787,257	50.6	104,119
1910.....	2,013,549	1,028,928	51.1	20,522	1,827,226	767,039	50.2	282,411
1911.....	2,170,330	1,045,364	48.3	17,121	1,653,265	882,032	53.4	183,453
1912.....	2,428,506	1,121,492	46.2	19,578	1,813,008	909,260	50.2	231,810
1913.....	2,329,684	1,111,766	47.7	20,233	1,893,926	993,145	52.4	138,854
1914.....	2,716,178	1,474,065	54.3	38,170	1,674,170	992,341	59.3	519,894
1915.....	4,272,178	1,515,793	35.5	44,876	2,197,884	1,342,331	61.1	218,338
1916.....	6,227,164	1,965,773	31.6	45,356	2,659,355	1,591,867	59.9	419,262
1917.....	5,838,652	2,279,367	39.0	44,068	2,945,655	1,822,105	61.9	501,330
1918.....	7,081,462	3,578,669	50.5	105,148	3,095,720	1,929,977	62.3	1,753,840
1919.....	7,949,309	3,849,663	48.4	128,030	5,239,362	3,469,635	66.1	598,058
1920.....	6,385,884	2,606,436	40.8	90,730	3,654,459	2,058,558	56.3	638,606
1921.....	3,699,909	1,915,189	51.8	43,596	2,608,079	1,370,190	52.5	588,585
1922.....	3,886,682	1,798,052	46.3	48,388	3,780,959	2,077,037	54.9	230,597
1923.....	4,223,973	1,866,517	44.2	62,288	3,554,937	1,875,133	52.8	53,672
1924.....	4,778,155	2,280,159	47.7	63,874	3,824,128	2,056,887	53.8	287,146
1925.....	4,653,148	1,891,878	40.7	74,967	4,464,872	2,529,473	56.7	562,898
1926.....	4,867,346	1,907,780	39.2	72,094	4,252,024	2,281,095	53.6	301,221
1927.....	4,773,532	1,815,381	38.0	73,391	4,147,499	2,193,548	52.9	304,776

¹ Excludes forest products. (See table 600.)

² Excludes forest products but includes rubber, unmanufactured (and similar gums), now mostly a plantation product which comprises balata, guayule, gutta-joolatong or jelutong or pontianak, gutta-percha, India rubber, crude, and India rubber scrap or refuse, fit only for remanufacture.

³ Excludes distilled liquors, classified as nonagricultural, which comprise: Brandy, rum, bourbon whisky, rye whiskey, cordials, liqueurs, etc., all other distilled liquors.

⁴ Excess of agricultural imports; compiled by subtracting the sum of domestic exports and reexports from general imports. Beginning 1933, excess is the difference between domestic exports and imports for consumption.

Bureau of Agricultural Economics. This table supersedes table 421 in Agricultural Statistics, 1936. (See footnote 3, above.) Compiled from official records of the Bureau of Foreign and Domestic Commerce. In the statistics of foreign commerce of the United States the Philippine Islands, and the Virgin Islands are treated as foreign countries; beginning January 1935, the Virgin Islands are considered as a noncontiguous territory. The statistics of foreign commerce include the trade of the customs districts of Alaska, Hawaii, Puerto Rico, and Virgin Islands (from 1935 on) with foreign countries, but do not include the trade of these Territories with the United States.

TABLE 596.—*Summary of the value of total and agricultural exports and imports, United States, 1928-37*

Year beginning July	Total domestic exports	Agricultural exports ¹			Total imports	Agricultural imports ^{2,3,4}					Excess of domestic agricultural exports over competitive imports	
		Domestic		Reex- ports ^{5,6}		Total value ⁴	Noncom- petitive ⁵	Competitive ⁴				
		Value ⁴	Per- centage of total exports					Value	Per- centage of total agri- cultural	Per- centage of total imports		
	1,000 dollars	1,000 dollars	Per- cent	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Per- cent	Per- cent	1,000 dollars	
1928.....	5,283,938	1,847,087	35.0	63,920	4,291,888	2,177,648	1,147,200	1,030,448	47.3	24.0	880,559	
1929.....	4,617,730	1,495,823	32.4	50,670	3,848,971	1,899,521	1,010,399	889,122	46.8	23.1	657,371	
1930.....	3,031,557	1,038,018	34.2	28,791	2,432,074	1,161,562	649,572	512,020	44.1	21.0	554,789	
1931.....	1,908,087	752,132	39.4	22,692	1,730,270	833,890	459,000	374,890	45.0	21.7	399,934	
1932.....	1,413,397	589,650	41.8	14,763	1,167,876	613,737	331,309	282,428	46.0	24.2	321,985	
1933.....	2,008,494	787,943	39.2	21,228	1,674,258	838,952	420,437	418,515	49.9	25.0	368,828	
1934.....	2,085,092	668,713	32.1	20,262	1,789,153	933,774	435,882	497,892	53.3	27.8	170,821	
1935.....	2,375,415	766,303	32.3	22,474	2,207,913	1,141,191	499,569	641,622	56.2	29.1	124,681	
1936.....	2,790,880	732,474	26.3	25,411	2,892,368	1,536,695	669,920	866,775	56.4	30.0	134,301	
1937 ⁷	3,361,690	890,762	26.5	25,020	2,330,587	1,155,139	566,883	588,256	50.9	25.2	302,506	

¹ Excludes forest products. (See table 600.)² Excludes forest products but includes rubber, unmanufactured (and similar gums), now mostly a plantation product which comprises balata, guayule, gutta-joolatong or jelutong or pontianak, gutta-percha, India rubber scrap or refuse, fit only for remanufacture. Beginning 1930 scrap and refuse are considered nonagricultural and are not included.³ Agricultural products are general imports through June 30, 1933, excepting wool, where imports for consumption have been used in order to show the degree of competitiveness.⁴ Excludes distilled liquors, classified as nonagricultural, which comprise: Brandy, rum, bourbon whisky, rye whisky, cordials, liqueurs, etc., and all other distilled liquors.⁵ Includes such products as coffee, rubber, silk, spices, and tea.⁶ Shown as a matter of record only.⁷ Imports for consumption beginning 1933-34; reexports not considered in making excess computation in last column of table.⁸ Excess of imports.⁹ Preliminary.

Bureau of Agricultural Economics. This table supersedes the last 9 years of table 533 in Agricultural Statistics, 1938. Compiled from official records of the Bureau of Foreign and Domestic Commerce.

TABLE 597.—*Agricultural products: Value of principal groups exported from and imported into the United States, 1935-37*

Product	Year beginning July					
	Domestic exports			Imports ¹		
	1935	1936	1937 ²	1935	1936	1937 ²
ANIMALS AND ANIMAL PRODUCTS	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Animals, live.....	1,978	1,751	1,761	15,329	17,429	15,139
Dairy products.....	4,122	4,335	5,711	14,178	18,897	12,813
Eggs and egg products.....	611	578	695	1,811	2,364	1,480
Hides and skins, raw (except fur).....	3,653	4,761	6,082	54,332	66,450	40,516
Meats and meat products.....	40,745	40,016	47,757	30,633	38,192	35,458
Silk, unmanufactured.....		6	336	99,557	116,299	87,437
Wool and mohair, unmanufactured.....				³ 44,735	³ 97,673	³ 32,699
Animal products, miscellaneous.....	3,443	4,578	4,998	18,093	26,072	23,494
Total.....	54,560	56,025	67,340	278,668	383,376	249,036
VEGETABLE PRODUCTS						
Chocolate and cocoa.....	435	515	582	26,571	51,734	28,829
Coffee.....	2,104	2,416	1,804	135,963	148,532	133,370
Cotton lint, unmanufactured.....	392,015	374,468	305,069	9,265	16,925	9,023
Cotton linters, unmanufactured.....	7,372	8,326	6,633	281	1,131	279
Total cotton, unmanufactured.....	399,387	382,794	311,702	9,546	18,056	9,302
Fruits.....	94,729	76,880	86,377	38,601	45,462	44,496
Grains and grain products ⁴	28,221	35,414	217,690	60,961	128,425	38,970
Nuts.....	1,911	2,153	2,292	15,959	19,705	15,970
Oilseeds and oilseed products.....	15,485	15,751	19,996	130,521	166,861	131,372
Rubber and similar gums.....				128,100	208,523	204,776
Seeds, except oilseeds.....	1,781	2,457	2,178	4,551	8,574	6,544
Spices.....	203	245	191	10,340	13,705	9,993
Sugar, molasses, and sirups.....	4,902	3,967	3,095	173,969	181,475	148,674
Tea.....				17,323	20,110	19,762
Tobacco, unmanufactured.....	141,075	129,765	149,487	27,846	31,596	32,522
Vegetables and preparations.....	11,463	12,383	12,787	18,540	24,927	19,151
Vegetable products, miscellaneous.....	10,047	11,089	15,241	63,732	85,634	62,372
Total vegetable products ⁵.....	711,743	676,449	823,422	862,523	1,153,319	906,103
Total agricultural products ⁶.....	766,303	732,474	890,762	1,141,191	1,536,695	1,155,139

¹ Imports for consumption; includes competitive and noncompetitive.² Preliminary.³ Includes "free in bond for use in carpets, etc."⁴ Excludes mill feeds.⁵ Excludes distilled liquors, which are classified as nonagricultural.

Bureau of Agricultural Economics. Compiled from Monthly Summary of Foreign Commerce of the United States (June issues) and official records of the Bureau of Foreign and Domestic Commerce. This table supersedes table 423 in Agricultural Statistics, 1936; see note 5.

TABLE 598.—*Agricultural products: Value of trade between continental United States and noncontiguous Territories, 1922-37*¹

Year beginning July	Shipments excluding forest products							
	To the United States from—				From the United States to—			
	Hawaii	Puerto Rico	Alaska	Virgin Islands ²	Hawaii	Puerto Rico	Alaska	Virgin Islands ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1922.....	93,313	61,767	72	-----	12,632	22,261	7,101	-----
1923.....	104,267	66,454	215	-----	13,558	25,929	7,537	-----
1924.....	97,429	69,954	254	-----	14,576	27,627	8,175	-----
1925.....	105,467	70,645	374	-----	11,739	29,498	8,188	-----
1926.....	98,577	83,903	307	-----	15,216	29,497	7,378	-----
1927.....	110,317	81,993	126	-----	16,359	25,723	8,217	-----
1928.....	103,641	53,005	205	-----	16,289	28,559	7,912	-----
1929.....	98,069	75,484	325	-----	17,372	26,378	8,277	-----
1930.....	102,919	75,033	280	-----	15,870	23,695	6,565	-----
1931.....	92,189	67,481	114	-----	14,480	17,635	5,207	-----
1932.....	79,739	58,628	51	-----	11,693	16,317	4,581	-----
1933.....	86,775	65,770	87	-----	14,943	19,138	5,686	-----
1934.....	91,460	60,027	137	88	17,311	22,619	7,513	166
1935.....	110,605	75,185	90	242	19,509	26,518	8,293	426
1936.....	119,322	86,590	117	496	19,052	27,571	8,300	474
1937 ⁴	106,891	62,447	86	416	21,076	25,779	8,066	596

¹ Excludes distilled liquors, denatured and ethyl alcohol, pineapple alcohol, bay rum, and citric acid which are classified as nonagricultural.

² Jan. 1-June 30, 1935.

³ Reported as a foreign country prior to Jan. 1, 1935.

⁴ Preliminary.

Bureau of Agricultural Economics. Compiled from Monthly Summary of Foreign Commerce of the United States, June issues, 1924-38 and official records of the Bureau of Foreign and Domestic Commerce. This table supersedes table 422 in Agricultural Statistics, 1936; see note 1.

TABLE 599.—*Index numbers of quantities of principal agricultural exports, United States, 1909-37*

[1909-10 to 1913-14=100]

Year beginning July	44 commodities	44 commodities minus cotton	Cotton including lint	Grains and grain products	Wheat including flour	Cattle and meat products	Cured pork ¹	Lard	Dairy products	Fruits	Tobacco ²
1909.....	78	86	73	82	83	91	86	77	58	76	91
1910.....	92	92	91	85	67	104	90	101	93	89	90
1911.....	114	100	125	78	77	115	118	112	126	101	97
1912.....	110	119	103	143	135	97	103	110	120	136	107
1913.....	106	103	108	112	137	92	103	102	103	98	114
1914.....	138	189	99	301	309	126	157	100	302	119	89
1915.....	118	184	70	237	228	164	246	90	479	109	113
1916.....	118	182	70	217	190	164	266	94	716	101	105
1917.....	101	165	53	179	130	197	352	83	975	63	74
1918.....	145	255	63	272	272	287	544	153	1,287	111	160
1919.....	134	207	80	218	209	185	307	124	1,275	122	165
1920.....	127	212	64	329	340	154	188	158	524	108	129
1921.....	137	218	76	317	261	153	178	172	571	105	118
1922.....	112	182	59	246	208	169	208	201	406	121	116
1923.....	104	153	67	143	150	179	231	214	451	214	152
1924.....	126	167	95	225	241	140	152	167	396	184	110
1925.....	106	123	93	117	101	114	117	147	327	211	137
1926.....	136	143	131	188	203	98	78	143	288	301	132
1927.....	112	138	92	188	191	98	73	151	263	258	125
1928.....	117	141	99	174	152	102	75	165	243	372	144
1929.....	97	117	82	130	143	104	75	166	221	216	153
1930.....	90	101	81	104	122	74	44	124	100	337	150
1931.....	98	91	103	104	126	63	27	115	123	305	110
1932.....	85	64	100	42	39	63	26	118	74	255	102
1933.....	83	65	97	34	35	65	28	115	72	248	120
1934.....	54	46	60	21	21	36	22	48	82	197	95
1935.....	62	43	76	19	15	(?)	15	19	(?)	276	110
1936.....	56	39	69	20	21	-----	13	22	-----	192	106
1937.....	79	90	71	142	99	-----	16	40	-----	283	117

¹ Includes bacon, hams, shoulders, and sides.

² Includes stems, trimmings, etc.

³ Discontinued after 1934-35.

Bureau of Agricultural Economics. Computations are based on the gross exports of 44 of the most important farm products. The index numbers were calculated as follows: Quantities of various commodities exported each year were multiplied by the average yearly export prices of these commodities for 1909-10 to 1913-14. The sum of these annual values was then divided by the average yearly value of exports from 1909-10 to 1913-14 to obtain the index.

TABLE 600.—Exports and imports of selected forest products, and value of total forest products, 1909-37

Year beginning July	Domestic exports						Imports				Value of total forest products				
	Lumber		Staves	Rosin	Spirits of turpen- tine	Timber, sawed	Cam- phor, crude	Lumber		Shellac	Wood pulp	Exports		Imports	Excess of Imports
	Boards, deals, and planks	Thous- ands						1,000 barrels	1,000 gallons			1,000 M feet	1,000 pounds		
1900	1,684	49,784	2,144	15,588	401	3,007	1,054	763	29,402	378	85,030	75,010	12,180	1,000	12,180
1901	2,032	65,726	2,190	14,818	532	3,726	643	1,872	15,495	402	103,039	1,679	12,110	1,000	12,110
1902	2,307	64,163	2,474	19,599	438	2,155	902	515	18,746	478	108,122	1,350	1,350	1,000	1,350
1903	2,550	89,006	2,806	21,094	512	3,709	1,091	590	21,912	502	124,836	2,809	1,350	1,000	1,350
1904	2,405	77,151	2,418	18,901	441	3,477	929	895	16,720	508	106,979	1,961	1,350	1,000	1,350
1905	1,759	57,522	1,372	9,464	174	3,729	939	1,487	24,153	588	52,554	1,287	79,451	25,610	24,675
1906	1,177	57,538	1,571	9,310	201	4,574	1,218	1,769	25,818	507	68,165	1,435	94,265	24,675	24,675
1907	1,042	61,469	1,639	8,842	184	4,685	1,175	1,924	22,913	599	87,141	1,362	128,490	20,940	20,940
1908	1,073	62,753	1,071	5,095	106	3,623	977	1,757	14,209	475	113,275	3,758	128,490	20,940	20,940
1909	1,518	80,791	1,322	7,461	234	4,026	1,920	1,831	23,872	727	190,049	5,380	232,089	33,662	33,662
1910	1,269	65,710	877	9,742	123	2,093	1,920	1,831	23,872	624	141,576	4,043	225,162	76,243	76,243
1911	1,543	65,102	786	10,766	298	1,592	1,124	2,190	30,708	902	94,111	3,315	196,843	60,413	60,413
1912	1,849	57,466	1,040	9,012	383	3,498	1,938	2,695	32,773	1,293	129,981	1,945	302,952	102,952	102,952
1913	1,897	60,898	1,205	11,194	815	1,955	1,786	2,417	28,512	1,189	162,374	1,593	207,423	40,940	40,940
1914	1,924	70,922	1,412	12,308	586	1,904	1,732	2,551	21,436	1,159	156,187	1,290	227,423	40,940	40,940
1915	1,985	75,534	1,073	10,773	652	2,616	1,869	2,482	26,188	1,469	162,731	1,450	238,545	74,364	74,364
1916	2,013	74,826	1,229	13,820	707	2,175	1,841	2,275	28,707	1,509	171,970	1,365	238,545	74,364	74,364
1917	2,318	78,466	1,300	14,332	825	2,704	1,599	2,034	23,012	1,321	174,599	1,528	216,874	39,747	39,747
1918	2,357	82,409	1,309	14,175	711	5,064	1,441	2,052	31,548	1,441	178,092	1,587	222,249	42,000	42,000
1919	2,100	62,875	1,099	13,282	406	1,777	1,461	1,382	26,444	1,722	167,742	1,382	212,590	42,000	42,000
1920	1,966	47,207	1,099	13,282	406	1,777	1,461	1,382	26,444	1,722	167,742	1,382	212,590	42,000	42,000
1921	1,012	34,982	1,156	13,520	319	2,387	917	1,058	14,145	1,450	97,695	858	142,590	44,057	44,057
1922	842	27,852	1,125	11,281	281	2,387	917	1,058	14,145	1,450	97,695	858	142,590	44,057	44,057
1923	962	33,022	1,137	12,720	296	2,528	961	1,422	12,147	1,237	40,634	207	65,543	18,612	18,612
1924	1,059	29,298	1,094	9,691	347	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1925	1,059	29,298	1,094	9,691	347	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1926	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1927	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1928	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1929	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1930	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1931	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1932	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1933	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1934	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1935	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1936	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1937	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1938	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1939	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1940	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1941	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1942	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1943	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1944	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1945	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1946	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1947	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1948	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1949	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1950	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1951	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1952	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1953	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1954	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1955	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1956	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1957	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1958	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1959	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1960	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1961	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1962	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1963	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1964	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1965	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1966	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	36,286
1967	1,074	32,473	1,213	10,910	325	2,135	777	1,725	12,459	1,609	72,913	207	109,149	36,286	

TABLE 601.—Exports of selected domestic agricultural products, 1912-37

Year beginning July	Butter	Cheese	Milk, condensed and evaporated	Eggs in the shell	Pork and pork products, total ¹	Pork, fresh	Pork, pickled	Bacon, including Cumberland sides	Hams and shoulders, including Wiltshire sides	Lard, including neutral lard
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozens	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1912.....	3,586	2,599	16,526	20,409	984,697	2,458	53,749	200,994	159,545	563,803
1913.....	3,694	2,428	16,209	16,149	921,913	2,668	45,543	193,964	165,882	510,782
1914.....	9,851	55,363	37,236	20,784	1,106,180	3,908	45,656	346,718	203,701	501,533
1915.....	13,487	44,394	159,578	26,396	1,462,697	63,006	63,461	579,809	282,209	461,458
1916.....	26,835	66,050	259,141	24,926	1,501,948	50,436	46,993	667,152	266,657	462,346
1917.....	17,736	44,303	528,759	18,969	1,692,124	21,390	33,222	815,294	419,572	396,765
1918.....	33,740	18,792	728,741	28,385	2,704,694	19,644	31,504	1,238,247	667,240	742,167
1919.....	27,156	19,378	708,463	38,327	1,762,611	27,225	41,643	803,667	275,456	610,427
1920.....	7,829	10,826	262,668	26,960	1,522,162	57,075	33,286	459,298	172,012	708,702
1921.....	7,512	7,471	277,311	33,762	1,516,320	25,911	33,510	330,549	271,642	831,952
1922.....	9,410	8,446	157,038	34,284	1,794,880	43,772	40,934	408,334	319,260	979,126
1923.....	5,425	3,938	113,613	32,832	1,934,189	49,113	37,469	423,500	381,564	1,039,137
1924.....	8,384	9,432	173,547	25,107	1,400,149	27,603	26,726	226,263	292,214	813,156
1925.....	5,280	4,094	135,865	27,931	1,172,685	15,867	29,126	186,153	220,014	715,577
1926.....	5,048	3,773	108,492	27,962	1,012,668	10,881	27,962	127,576	143,649	695,869
1927.....	3,965	2,873	108,943	22,832	1,046,306	11,059	31,650	126,977	127,819	740,197
1928.....	3,778	2,572	112,492	15,982	1,112,394	10,641	39,905	129,248	125,396	799,230
1929.....	3,582	2,339	101,572	14,234	1,138,588	18,768	39,809	132,967	130,318	803,943
1930.....	2,293	1,733	78,986	14,386	791,354	11,093	21,118	52,412	99,749	596,430
1931.....	1,578	1,566	65,623	3,519	679,748	9,270	15,229	25,576	69,334	530,320
1932.....	1,396	1,344	40,013	1,805	686,462	8,182	14,275	17,099	71,213	565,857
1933.....	1,416	1,253	38,088	2,008	705,981	28,269	19,069	23,841	71,488	551,413
1934.....	761	1,344	47,430	1,802	355,072	26,436	14,704	11,990	64,561	227,403
1935.....	1,098	1,137	28,962	2,112	159,103	3,250	7,488	4,339	46,720	89,577
1936.....	840	1,076	25,729	1,949	168,735	3,709	9,975	5,961	39,257	103,711
1937 ²	971	1,336	31,694	2,388	269,841	6,758	11,376	3,698	48,298	190,100

Year beginning July	Beef and beef products, total ³	Oleo oil	Cotton lint ⁴	Linters ⁵	Cotton-seed cake and meal	Linsced cake and meal	Prunes, dried	Raisins	Apples, fresh	Apples, dried	Apricots, dried
	1,000 pounds	1,000 pounds	1,000 bales	1,000 bales	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 barrels	1,000 pounds	1,000 pounds
1912.....	170,208	82,850	9,125	-----	1,128,092	838,120	117,951	2,150	41,575	35,017	35,017
1913.....	151,212	97,017	9,522	-----	799,974	662,869	69,814	14,766	33,566	17,402	17,402
1914.....	394,991	80,482	8,581	226	1,479,065	524,794	43,479	24,845	2,352	42,589	23,764
1915.....	457,556	102,646	5,917	251	1,057,222	640,916	57,423	75,015	1,466	16,219	23,940
1916.....	423,674	67,110	5,702	474	1,150,160	536,984	59,645	51,993	1,740	10,358	9,841
1917.....	600,132	56,603	4,455	186	44,681	151,400	32,927	54,988	635	2,603	5,230
1918.....	591,302	59,292	5,442	84	311,624	202,788	59,072	84,150	1,576	18,909	20,975
1919.....	368,002	74,529	7,035	52	449,573	336,336	114,066	86,857	1,051	11,819	26,768
1920.....	203,815	106,415	5,570	53	454,701	391,264	57,461	24,492	2,665	18,053	8,332
1921.....	222,462	117,174	6,592	126	532,721	484,059	106,398	49,639	1,094	12,431	16,736
1922.....	194,912	104,956	5,205	48	454,350	574,612	79,229	93,962	1,766	12,817	11,193
1923.....	185,081	92,965	5,784	115	250,366	560,114	136,448	88,152	4,098	30,323	38,777
1924.....	190,366	105,145	6,239	200	885,375	601,126	171,771	90,783	3,201	19,225	13,262
1925.....	152,320	90,410	5,110	102	716,508	589,166	151,405	135,027	3,672	24,833	18,132
1926.....	151,831	92,730	11,281	278	990,516	625,121	175,544	152,337	7,098	32,670	17,901
1927.....	106,985	64,851	7,690	230	664,523	606,304	200,625	193,099	3,144	21,704	23,684
1928.....	101,303	63,187	8,520	219	571,200	645,120	273,051	221,756	7,014	50,024	24,652
1929.....	102,080	61,088	7,096	143	338,240	624,960	142,989	128,697	3,426	23,769	19,101
1930.....	98,379	54,960	7,048	132	87,360	304,640	296,254	125,100	6,780	38,120	23,647
1931.....	79,482	43,762	8,989	145	430,080	443,520	243,935	122,213	6,010	31,557	37,622
1932.....	74,000	39,632	8,647	218	302,400	241,920	182,354	112,507	4,585	39,019	34,268
1933.....	78,515	27,429	8,366	216	147,840	546,560	202,832	93,954	4,086	43,182	36,616
1934.....	40,882	13,173	5,066	262	6,730	380,800	152,716	93,890	2,668	24,465	15,196
1935.....	32,118	9,552	6,397	305	20,160	459,200	217,639	109,016	4,080	34,508	26,588
1936.....	28,790	6,941	5,722	340	8,960	362,240	163,952	112,832	2,251	22,923	29,365
1937 ²	24,125	6,408	5,899	353	174,720	557,760	214,837	141,370	3,653	27,852	32,678

¹ Includes canned, fresh, salted, or pickled pork, lard, neutral lard, lard oil, bacon, hams, and Wiltshire and Cumberland sides.² Includes Wiltshire sides, beginning January 1932.³ Wiltshire sides included with bacon.⁴ Preliminary.⁵ Includes canned, cured, and fresh beef, oleo oil, oleo stock, oleomargarine, tallow, and stearin from animal fats.⁶ Bales of 500 pounds gross; lint cotton and linters not separately reported prior to 1915.

TABLE 601.—Exports of selected domestic agricultural products, 1912-37—Con.

Year begin- ning July	Or- anges	Apri- cots, canned ¹	Pears, canned ²	Peaches, canned ²	Pine- apples, canned ²	Grapes	Pears, fresh ²	Grape- fruit, fresh	Starch, includ- ing corn- starch	Corn- starch ³
	1,000 boxes	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 boxes	1,000 pounds	1,000 pounds
1912	1,063								110,898	
1913	1,559								17,614	
1914	1,759								107,037	
1915	1,575								210,185	
1916	1,850								146,424	
1917	1,240								73,883	38,659
1918	1,402								143,788	105,727
1919	1,619								237,609	163,315
1920	2,001								110,814	
1921	1,641								386,873	348,940
1922	1,799	*13,809	49,358	54,624	21,848	*173		*140	260,796	254,060
1923	2,592	26,576	38,431	50,374	25,238	14,022	36,785	252	262,842	255,135
1924	2,197	31,360	53,551	57,300	20,252	20,302	41,452	427	214,247	209,865
1925	2,253	29,547	75,876	83,160	37,543	24,208	71,205	379	224,569	208,463
1926	3,340	35,896	66,104	81,896	37,426	30,791	73,877	613	233,111	212,375
1927	2,988	29,013	52,671	86,634	51,227	38,819	81,056	719	281,388	275,921
1928	4,223	26,249	82,652	101,438	47,533	55,638	82,847	940	235,690	231,667
1929	3,674	33,235	54,709	74,470	46,309	46,158	62,024	854	203,343	200,558
1930	3,984	19,024	74,355	75,763	35,308	49,799	134,670	1,222	104,807	102,886
1931	3,534	23,161	71,570	66,300	20,920	27,613	90,702	1,202	73,071	71,927
1932	3,391	19,504	60,762	74,990	15,923	29,352	110,987	902	52,969	52,350
1933	3,449	24,315	78,384	81,464	21,831	29,689	111,008	946	73,922	73,377
1934	4,092	10,549	71,379	50,419	19,111	35,712	100,535	1,086	984	40,468
1935	5,446	26,754	82,316	102,957	23,691	37,352	124,144	703	55,342	54,527
1936	3,084	23,731	66,882	60,244	23,878	46,116	131,318	873	32,882	31,848
1937 ⁴	5,932	26,930	59,125	56,388	25,184	70,028	134,747		122,569	121,743

Year begin- ning July	Barley includ- ing flour and malt ⁵	Corn, includ- ing corn meal	Oats, includ- ing oat- meal	Rice, in- clud- ing flour, meal, and broken rice	Rye, includ- ing flour	Wheat, includ- ing flour ¹¹	To- bacco ¹²	Gluc- ose and grape sugar	Hops	Sugar, raw and re- fined ¹³
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 sh. tons
1912	17,874	50,780	36,455	24,801	1,855	145,159	418,797	300,149	17,691	22
1913	6,945	10,726	2,749	18,223	2,273	147,955	449,750	199,531	24,263	26
1914	28,712	50,568	100,609	75,449	13,027	335,702	348,346	158,463	16,210	275
1915	30,821	39,897	98,960	120,695	15,250	246,221	443,923	186,406	22,410	815
1916	20,319	66,753	95,106	181,372	13,703	205,962	411,599	214,973	4,225	625
1917	28,717	49,073	125,091	196,363	17,186	132,579	289,171	97,858	3,495	288
1918	26,997	23,019	109,005	193,128	36,467	287,402	629,288	245,264	7,467	558
1919	34,555	16,729	43,436	483,385	41,531	222,030	448,038	245,264	30,780	722
1920	27,255	70,906	9,391	440,855	47,337	369,313	506,526	141,954	22,206	292
1921	27,543	179,490	21,237	541,509	29,944	282,566	463,389	273,982	19,522	1,001
1922	21,909	96,596	25,413	370,670	51,963	224,900	494,364	162,693	13,497	375
1923	13,913	23,135	8,796	227,757	19,902	159,880	557,630	148,051	20,461	135
1924	28,543	9,791	16,777	112,037	50,242	260,803	430,702	139,577	16,122	251
1925	30,449	24,783	39,687	48,175	12,648	108,035	537,240	170,142	14,998	300
1926	19,655	19,819	15,041	304,358	21,697	219,160	516,401	148,789	13,369	114
1927	39,274	19,409	9,823	309,788	26,346	206,259	489,996	145,951	11,812	106
1928	60,295	41,874	16,251	392,684	4,488	163,687	565,025	123,366	8,836	128
1929	24,054	10,281	7,966	289,532	2,600	153,245	600,181	101,816	6,793	79
1930	11,443	3,317	3,123	281,005	227	131,475	591,035	70,571	5,593	70
1931	5,469	3,969	4,438	274,716	909	135,797	432,361	51,855	3,817	54
1932	9,399	8,775	5,361	177,715	311	41,211	399,967	41,829	2,431	41
1933	6,111	4,965	1,405	100,819	21	37,002	472,630	51,662	7,588	60
1934	4,126	2,324	1,147	122,704	(14)	21,532	374,658	39,310	6,735	152
1935	9,926	816	1,430	84,529	0	15,929	432,668	39,119	6,349	94
1936	5,269	553	912	51,845	248	21,584	416,884	31,522	2,723	76
1937 ⁴	17,776	104,061	12,331	310,132	6,578	107,194	459,545	46,972	5,663	58

⁴ Preliminary.⁵ Given in value only prior to 1922-23.⁶ Included with starch prior to 1917-18.⁷ January to June, 1922.⁸ Includes barley flour 1919-22. Barley flour not separately reported prior to 1919 nor since 1922.⁹ Includes domestic flour and exports made from foreign wheat milled in bond.¹⁰ Comprises leaf, stems, trimmings, and scrap tobacco.¹¹ Includes maple sugar, if any, 1918-19 to date.¹² Less than 500 bushels.

Bureau of Agricultural Economics.—Compiled from Foreign Commerce and Navigation of the United States 1912-18, and Monthly Summary of Foreign Commerce of the United States, June issues 1919-38.

Conversion factors used: Corn meal, 1 barrel=4 bushels corn; oatmeal, 18 pounds=1 bushel oats; rye flour, 1 barrel=6 bushels rye; malt, 1.1 bushels=1 bushel barley; wheat flour, 1 barrel=4.7 bushels grain 1912-17; 4.5 bushels, 1918 and 1919; 4.6 bushels 1920; 4.7 bushels, 1921-37; apples, 3 boxes=1 bushel; rice, 1.62 pounds paddy or rough rice=1 pound milled rice. The unit, "1,000 pounds" in the columns of canned goods is presumed to be net weight, according to Government regulations.

TABLE 602.—Imports of selected agricultural products, 1912-37

Year beginning July	Cattle hides, excluding calf and kip						Goat- skins	Total hides and skins (except furs)	Wool, unman- ufactured, including mohair, etc.	
	Butter	Cheese	Milk, fresh ¹	Cream fresh ²	Beef and veal fresh	Beef canned ³				
										Wet ⁴	Dry^{5}
	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 pounds (*)	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1912.....	1,162	49,388	-----	1,247	-----	-----	185,447	82,595	96,250	572,197
1913.....	7,842	63,784	-----	1,773	180,137	-----	208,478	71,485	84,759	561,071
1914.....	3,828	50,139	-----	2,077	184,491	-----	241,340	93,001	66,547	538,218
1915.....	713	30,088	-----	1,194	71,102	-----	280,839	153,339	100,657	743,670
1916.....	524	14,482	-----	744	15,217	-----	225,363	161,237	105,640	700,207
1917.....	1,806	9,939	-----	712	25,452	-----	190,845	76,655	66,933	432,517
1918.....	4,131	2,442	2,562	(*)	36,670	127,135	220,695	33,182	89,005	448,142
1919.....	20,771	17,914	3,989	(*)	42,436	1,434	328,209	111,252	126,996	798,599
1920.....	34,344	16,585	4,391	(*)	41,956	3,081	173,759	24,814	41,728	352,193
1921.....	9,551	34,271	4,536	(*)	28,001	169	186,498	18,438	83,535	392,904
1922.....	16,772	54,555	5,148	(*)	32,481	2,393	346,613	58,770	89,401	682,893
1923.....	29,466	66,597	6,623	71,646	25,144	5,892	158,363	18,112	65,881	365,194
1924.....	7,189	61,489	6,418	4,765	12,410	10,060	184,934	14,376	65,956	387,447
1925.....	6,440	62,412	7,479	4,798	18,279	14,973	141,051	14,506	86,484	355,266
1926.....	10,710	89,782	6,106	5,273	22,098	32,158	145,651	11,287	83,571	368,876
1927.....	4,955	75,424	5,425	4,819	47,650	38,617	280,901	26,461	84,751	532,379
1928.....	3,299	84,606	5,016	3,173	62,481	73,191	202,489	13,859	94,486	447,384
1929.....	2,851	78,261	3,314	2,474	30,190	82,489	284,302	10,530	101,120	548,567
1930.....	1,329	57,972	1,190	844	3,551	16,480	87,526	3,581	80,830	265,854
1931.....	1,838	57,235	280	118	898	22,483	88,385	3,427	67,038	254,084
1932.....	991	55,923	33	52	709	31,166	58,192	2,064	54,391	211,548
1933 ⁶	763	46,907	40	25	276	39,543	136,550	3,745	87,394	330,407
1934.....	22,393	48,446	23	1	5,038	69,489	66,156	411	60,714	211,614
1935.....	5,855	49,380	42	7	6,387	88,192	147,083	3,767	82,668	327,141
1936.....	14,786	65,694	47	95	3,537	89,123	133,775	5,305	86,379	327,164
1937 ⁷	2,537	55,490	14	85	3,802	84,303	68,688	1,131	56,928	188,439

Year beginning July	Hair of the Angora (mohair)	Cotton, unman- ufactured ¹⁰	Silk ¹¹	Tobacco ¹²	Rubber and similar gums, crude	Coffee	Tea	Cocoa or cacao beans	Sugar, raw and refined	Molasses	Olives, green or in brine
		1,000 pounds	1,000 bales	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 short tons	1,000 gallons
1912.....	-----	255	32,101	67,977	170,747	863,131	94,813	140,039	2,370	33,927	3,946
1913.....	-----	258	34,546	61,175	161,777	1,001,528	91,131	176,268	2,533	51,410	5,316
1914.....	-----	387	31,053	45,800	196,122	1,118,691	96,988	192,307	2,710	70,840	3,622
1915.....	-----	487	41,925	48,078	304,183	1,201,104	109,866	243,232	2,817	85,717	5,938
1916.....	-----	308	40,351	49,105	364,914	1,319,871	103,364	338,454	2,662	110,238	5,642
1917.....	-----	216	43,681	86,991	414,984	1,143,891	151,315	399,040	2,456	130,731	2,385
1918.....	-----	217	50,069	83,951	422,215	1,046,029	108,172	313,037	2,918	130,075	3,501
1919.....	-----	722	58,410	94,006	600,610	1,414,228	97,826	420,331	3,798	154,670	5,206
1920.....	-----	263	34,778	58,923	371,300	1,348,926	72,196	327,123	3,506	113,414	4,054
1921.....	-----	375	57,437	65,225	578,512	1,238,012	86,142	317,124	4,232	87,908	(*)
1922.....	47,220	494	63,188	75,786	810,028	1,305,188	96,669	381,508	4,367	161,135	(*)
1923.....	3,583	305	56,595	54,497	633,489	1,429,617	105,443	382,971	3,765	174,037	6,848
1924.....	2,404	324	70,270	76,870	824,434	1,279,570	92,779	382,570	4,237	215,778	9,011
1925.....	6,463	338	76,838	69,974	962,659	1,437,364	99,411	417,060	4,420	256,246	5,992
1926.....	6,547	400	85,162	92,983	993,272	1,444,847	97,402	425,184	4,420	260,259	5,212
1927.....	2,204	367	87,128	81,045	959,245	1,535,392	90,099	411,543	4,045	248,427	6,458
1928.....	3,134	476	90,662	79,284	1,262,130	1,435,070	92,635	419,243	4,753	296,550	6,955
1929.....	1,073	414	87,408	63,181	1,157,817	1,562,058	86,368	421,938	3,641	253,114	8,452
1930.....	474	107	87,861	75,425	1,048,758	1,728,569	87,148	415,442	3,267	217,001	7,429
1931.....	0	139	82,503	73,375	1,098,501	1,628,841	90,459	434,858	3,264	205,968	7,057
1932.....	113	133	76,768	59,545	789,165	1,438,161	94,808	476,421	2,951	145,450	4,674
1933 ⁶	1,320	157	63,498	55,784	1,222,087	1,598,107	87,691	465,831	2,819	213,566	5,806
1934.....	16	116	61,104	58,270	981,606	1,552,027	83,572	539,076	3,367	251,040	6,822
1935.....	1,353	148	61,137	67,895	1,034,496	1,853,138	83,916	570,957	3,239	209,242	6,442
1936.....	1,016	266	66,889	69,309	1,214,651	1,760,814	92,271	682,947	2,964	330,619	6,493
1937 ⁷	386	160	50,891	68,049	1,246,341	1,734,137	85,838	446,248	2,815	227,697	5,443

¹ Included with condensed and reported in value only prior to 1918. Includes cream, fresh, 1918 to 1923. Beginning 1924 reported as milk, sweet or sour, and buttermilk.

² Included in all other articles prior to 1909.

³ Reported in value only prior to 1918. Figures are imports for consumption, and include corned beef.

⁴ Wet salted over 25 pounds.

⁵ Dry salted over 12 pounds.

⁶ Not separately classified.

⁷ January-June 1924.

⁸ Imports for consumption beginning 1933.

⁹ Preliminary.

¹⁰ Bales of 473 pounds net.

¹¹ Includes silk, raw or as reeled from cocoon, silk waste, and silk cocoon. Beginning 1933, silk waste excluded.

¹² Comprises leaf, stems, trimmings, and scrap tobacco.

¹³ Reported in value only.

¹⁴ Beginning Sept. 22, 1922.

TABLE 602.—Imports of selected agricultural products, 1912-37—Continued

Year begin- ning July	Ba- nanas	Lem- ons ¹²	Beans, dry	Onions	Tom- atoes, fresh	Almonds in terms of shelled ¹³	Peanuts in terms of shelled ¹⁴	Walnuts in terms of shelled ¹⁵	Copra ¹⁷	Flax- seed
	<i>1,000 bunches</i>	<i>1,000 boxes</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 bushels</i>
1912.....	42,357	2,046	1,045	789	13,856	14,989	17,213	34,268	5,284	8,653
1913.....	48,684	(¹⁹)	1,634	1,115	15,027	38,726	20,800	45,437	8,653	10,666
1914.....	41,092	(¹⁹)	906	820	13,679	19,338	20,490	90,547	10,679	14,679
1915.....	36,755	(¹⁹)	663	819	14,546	25,407	23,733	110,078	24,036	13,367
1916.....	34,661	(¹⁹)	3,748	1,758	19,916	32,385	23,839	247,036	8,427	13,367
1917.....	34,550	(¹⁹)	4,146	1,313	20,845	75,463	16,252	486,996	13,367	13,367
1918.....	35,382	(¹⁹)	4,016	152	25,615	20,425	9,057	301,965	8,427	13,367
1919.....	36,848	(¹⁹)	3,806	1,884	28,533	128,390	28,961	218,522	23,392	13,367
1920.....	40,808	(¹⁹)	824	689	15,861	46,202	15,902	192,246	16,170	13,367
1921.....	46,120	1,373	520	2,458	28,036	9,678	35,174	249,722	13,632	13,367
1922.....	44,504	1,660	2,623	1,783	(¹⁹)	24,345	45,013	25,970	306,100	25,006
1923.....	44,935	1,018	886	1,406	50,838	24,207	50,683	26,428	299,774	19,577
1924.....	50,513	1,264	1,421	2,075	69,216	22,503	93,191	36,623	328,652	13,419
1925.....	58,550	1,247	1,271	2,194	82,448	19,686	36,025	31,698	392,759	19,354
1926.....	57,102	659	1,051	2,298	124,489	15,890	49,792	31,776	454,546	24,224
1927.....	64,029	1,308	2,465	1,399	113,357	18,496	63,783	20,347	456,158	18,112
1928.....	63,530	391	1,505	2,050	128,627	18,673	30,412	24,500	629,937	25,494
1929.....	65,809	1,220	2,534	918	139,886	19,956	9,941	20,226	403,456	19,632
1930.....	57,841	350	1,346	214	113,480	13,264	9,360	17,818	565,397	7,813
1931.....	51,785	176	222	665	122,215	8,338	1,535	13,042	445,741	13,850
1932.....	45,114	146	157	73	59,028	4,906	239	6,759	494,821	6,213
1933 ¹⁶	43,096	47	146	80	46,254	3,412	400	5,682	653,182	17,901
1934.....	51,987	8	580	252	77,160	2,987	244	5,645	327,269	15,332
1935.....	54,684	81	250	72	82,504	10,756	210	4,292	464,252	15,388
1936.....	63,963	29	979	101	97,037	11,441	1,364	4,980	405,784	26,096
1937 ¹⁶	63,475	61	250	68	65,831	3,074	4,568	4,742	566,651	17,861

Year begin- ning July	Jute and jute butts, unman- ufactured	Ma- nilla fiber or abaca	Sisal and hene- quen	Eggs, whole, in the shell	Eggs and egg yolks, dried, frozen, or pre- pared	Whole eggs, dried	Whole eggs, frozen	Yolks, dried	Yolks, frozen	Egg albu- men, dried	Egg albu- men, frozen, pre- pared and pre- served
	<i>1,000 long tons</i>	<i>1,000 long tons</i>	<i>1,000 long tons</i>	<i>1,000 dozen</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1912.....	125	74	154	1,367	228	.....	.....	.....	.....	.....	.....
1913.....	106	50	216	6,015	3,420	.....	.....	.....	.....	.....	.....
1914.....	83	51	186	3,047	8,572	.....	.....	.....	.....	.....	.....
1915.....	108	79	229	733	6,022	.....	.....	.....	.....	.....	.....
1916.....	113	77	143	1,110	10,318	.....	.....	.....	.....	.....	.....
1917.....	78	86	180	1,619	14,598	.....	.....	.....	.....	.....	.....
1918.....	53	68	153	848	9,085	.....	.....	.....	.....	.....	.....
1919.....	77	77	176	1,348	24,091	.....	.....	.....	.....	.....	.....
1920.....	90	52	159	3,316	28,768	.....	.....	.....	.....	.....	.....
1921.....	62	44	72	1,224	16,540	.....	.....	.....	.....	.....	.....
1922.....	85	98	98	635	14,821	.....	.....	.....	.....	.....	.....
1923.....	84	98	97	426	14,830	7,544	7,106	7,522	7,210	6,642	7,636
1924.....	56	73	146	682	.....	1,884	8,751	4,281	4,151	3,257	1,106
1925.....	71	62	126	276	.....	1,305	12,647	6,004	5,662	4,490	5,119
1926.....	89	61	116	296	.....	1,132	8,114	4,468	4,601	3,859	3,967
1927.....	81	48	124	256	.....	575	3,496	1,229	2,361	553	553
1928.....	92	60	135	291	.....	2,133	12,616	5,130	4,581	2,898	810
1929.....	80	73	113	337	.....	1,839	9,824	7,819	3,475	4,363	955
1930.....	49	43	84	301	.....	822	113	6,069	1,052	2,219	2
1931.....	52	27	109	282	.....	543	2	1,420	443	1,722	0
1932.....	38	25	166	262	.....	19	(¹⁹)	1,595	403	1,424	0
1933 ¹⁶	60	43	116	198	.....	7	81	1,809	308	361	0
1934.....	49	40	74	384	.....	377	4	3,116	1,006	1,140	0
1935.....	88	48	151	314	.....	437	0	4,349	666	2,013	(¹⁹)
1936.....	98	40	119	550	.....	686	25	5,621	1,499	2,801	0
1937 ¹⁶	78	31	123	260	.....	358	1	2,817	887	1,745	(¹⁹)

¹² Not separately classified.¹³ January-June 1924.¹⁴ Imports for consumption beginning 1933.¹⁵ Preliminary.¹⁶ Reported in value only.¹⁷ Boxes of 74 pounds.¹⁸ Conversion factors used: almonds, 30 percent unshelled equals shelled; peanuts, 3 pounds unshelled equals 2 pounds shelled; walnuts, 42 percent unshelled equals shelled.¹⁹ Reported as coconut meat broken, or copra, not shredded, desiccated or prepared 1912-21; 1922 to 1924 reported as copra, not prepared, 1925 to date reported as copra.²⁰ July 1-Dec. 31, 1923.²¹ Less than 500 pounds.

Bureau of Agricultural Economics. Compiled from Commerce and Navigation of the United States 1912-18, and Monthly Summary of Foreign Commerce, June issues, 1919-38.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
ANIMAL PRODUCTS								
Butter:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United Kingdom.....	80	(²)	1	(²)	1	208	(²)	0
Panama.....	157	135	369	206	64	191	152	265
Mexico.....	426	179	128	161	171	148	153	153
Honduras.....	151	139	108	72	31	32	42	31
Haiti, Republic of.....	394	401	291	208	75	90	77	66
Other West Indies ¹	270	244	214	186	166	132	127	129
Colombia.....	61	23	12	18	21	25	38	47
Peru.....	67	57	14	8	8	11	10	15
Venezuela.....	269	119	45	38	35	22	15	52
Philippine Islands.....	154	84	83	353	97	116	125	97
Guatemala.....	38	86	30	32	29	21	23	26
Cuba.....	6	0	1	1	2	1	1	11
China.....	8	5	6	2	5	2	18	1
Other countries.....	212	147	84	101	56	99	59	78
Total.....	2,293	1,578	1,386	1,416	761	1,098	840	971
Cheese:								
Panama.....	442	535	640	505	504	405	447	522
Mexico.....	293	133	69	108	142	125	118	112
Philippine Islands.....	143	158	150	100	170	171	99	128
Canada.....	179	84	44	66	63	83	54	42
Honduras.....	85	78	50	31	15	12	9	8
British Honduras.....	61	42	25	12	2	2	1	1
Cuba.....	72	143	56	59	79	26	46	127
Haiti, Republic of.....	59	51	26	26	27	34	25	26
Other West Indies ¹	94	69	72	89	99	68	52	72
China.....	29	39	36	28	17	23	31	12
Colombia.....	22	5	4	7	7	11	20	23
Guatemala.....	36	35	33	33	33	34	35	40
Nicaragua.....	30	17	10	10	9	7	8	6
Venezuela.....	30	22	19	22	26	26	31	65
Hong Kong.....	13	15	2	11	28	22	8	6
Other countries.....	144	133	110	146	123	88	92	146
Total.....	1,733	1,564	1,346	1,253	1,344	1,137	1,076	1,336
Milk:								
Condensed:								
Total Europe.....	14	6	31	5	14	12	37	175
Cuba.....	3,651	1,378	360	3	3	2	4	2,417
Philippine Islands.....	7,566	5,817	1,382	2,625	5,049	1,350	1,123	1,479
Japan.....	4,167	3,543	0	(²)	91	1	1	1
Hong Kong.....	2,372	2,339	1,325	1	144	185	(²)	1
China.....	1,319	856	699	12	65	300	63	0
Mexico.....	605	281	224	219	205	15	5	9
Jamaica.....	612	595	1,073	1,077	845	624	16	4
Honduras.....	515	384	282	261	278	243	194	183
Costa Rica.....	370	208	129	115	68	87	108	194
Venezuela.....	452	298	176	133	88	37	190	397
Panama.....	268	236	241	168	136	316	220	80
Guatemala.....	102	83	37	39	52	107	52	58
Colombia.....	142	67	52	36	37	84	43	74
Union of South Africa.....	1	1	0	252	559	0	945	3,861
Other countries.....	778	418	336	229	247	95	333	343
Total.....	22,934	16,540	6,347	5,175	7,881	3,488	3,334	9,276
Evaporated:								
United Kingdom.....	15,978	15,287	926	1,038	351	363	0	1,272
Other Europe.....	367	218	31	72	106	116	34	18
Total Europe.....	16,345	15,505	957	1,110	457	479	34	1,290
Philippine Islands.....	18,654	16,279	19,598	16,920	22,125	9,847	11,308	10,115
Panama.....	2,898	4,308	4,616	4,597	4,252	4,933	2,849	3,412
Peru.....	1,583	1,355	242	830	1,528	1,166	511	469
China.....	816	529	555	747	919	890	226	170
British Malaya.....	1,026	592	628	526	896	616	39	2
Japan.....	2,867	2,446	184	196	302	70	70	79
Mexico.....	1,296	685	700	907	1,114	753	1,147	1,300
Netherlands West Indies.....	988	1,235	1,373	1,033	1,413	1,438	596	238
Netherlands India.....	1,772	1,256	879	818	779	948	1,161	640
Siam.....	748	1,242	1,847	1,848	1,833	1,132	1,304	1,034
Newfoundland and Labrador.....	970	508	503	501	970	619	497	725
Cuba.....	480	207	179	287	243	108	116	791
Bermuda.....	271	152	190	341	302	242	256	74
Venezuela.....	390	208	145	118	156	205	231	300
British India.....	390	174	86	404	79	185	251	66
Other countries.....	4,522	2,102	984	1,670	2,181	1,843	1,799	1,713
Total.....	56,052	49,083	33,666	32,913	39,849	25,474	22,395	22,418

¹ Preliminary.² Less than 500.³ Excludes Bermuda.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
ANIMAL PRODUCTS—continued								
Pork:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Fresh:								
United Kingdom.....	8,098	6,672	4,582	24,689	22,454	1,976	2,054	5,163
Other Europe.....	464	241	889	929	1,090	11	1	80
Total Europe.....	8,562	6,913	5,471	25,618	23,544	1,987	2,055	5,213
Cuba.....	424	161	47	15	64	63	110	97
Panama.....	771	1,430	1,844	1,530	1,534	698	945	752
Canada.....	410	72	18	195	543	25	76	228
Philippine Islands.....	222	257	255	210	197	142	157	157
Other countries.....	704	437	547	731	654	317	366	311
Total.....	11,093	9,270	8,182	28,299	26,436	3,230	3,709	6,758
Bacon, including Cumberland sides: ²								
United Kingdom.....	26,203	10,403	3,902	3,910	2,510	1,264	1,213	1,143
Germany ³	1,151	2,043	1,300	2,541	22	33	0	138
Italy.....	764	822	1,808	2,130	43	0	(⁴)	0
Finland.....	1,540	722	1,176	2,106	279	0	0	297
Sweden.....	3,264	946	1,416	1,849	341	0	13	157
Norway.....	712	174	134	266	20	0	18	84
Ireland.....	1,126	266	25	0	0	0	(⁴)	(⁴)
Netherlands.....	61	657	76	780	0	(⁴)	2	0
Other Europe.....	582	255	974	2,553	1,213	34	18	1,182
Total Europe.....	35,412	16,288	10,811	15,835	4,428	1,331	1,264	2,019
Cuba.....	12,390	7,128	4,629	4,531	5,273	1,940	1,270	795
Canada.....	2,388	650	270	676	193	78	60	513
Panama.....	421	330	388	472	522	400	418	434
Newfoundland and Labrador	372	278	270	542	401	77	337	301
Mexico.....	180	114	109	126	118	93	86	103
Other countries.....	1,231	788	1,223	1,659	1,055	420	551	526
Total.....	52,412	25,576	17,700	23,841	11,990	4,339	3,986	5,601
Hams and shoulders, including Wiltshire sides: ⁵								
United Kingdom.....	81,294	58,126	61,647	62,328	55,032	40,713	33,993	42,312
Belgium.....	1,464	607	574	211	(⁶)	(⁶)	(⁶)	(⁶)
Other Europe.....	236	193	1,071	745	151	20	14	158
Total Europe.....	82,994	58,926	63,292	63,284	55,183	40,733	34,007	42,470
Cuba.....	4,272	4,559	3,181	2,271	3,472	2,451	2,270	2,412
Canada.....	5,895	694	225	225	297	446	490	529
Other countries.....	6,588	5,155	4,515	5,708	5,609	3,090	2,490	2,887
Total.....	99,749	69,334	71,213	71,488	64,561	46,720	39,257	48,298
Canned:								
United Kingdom.....	9,066	8,751	8,106	10,344	8,610	6,403	6,564	6,338
Other Europe.....	193	78	66	121	67	6,46	66	75
Total Europe.....	9,259	8,829	8,172	10,465	8,677	6,449	6,630	6,413
Philippine Islands.....	112	173	216	304	341	413	394	453
Canada.....	225	101	47	59	9	161	197	19
China.....	127	167	205	56	13	47	105	22
Panama.....	90	169	200	195	216	146	117	148
Other countries.....	739	580	396	792	722	533	654	564
Total.....	10,552	10,019	9,236	11,871	9,978	7,749	8,097	7,619
Pickled:								
United Kingdom.....	2,945	1,585	1,130	1,485	1,297	549	365	1,163
Norway.....	364	210	230	117	123	26	77	14
Germany ³	89	54	37	156	11	7	21	5
Other Europe.....	327	279	471	706	213	24	117	1,208
Total Europe.....	3,725	2,128	1,868	2,524	1,644	606	580	2,390
Cuba.....	4,862	1,923	1,534	1,113	2,301	1,223	1,050	1,627
Canada.....	4,356	3,058	2,565	3,974	2,614	1,110	2,980	2,327
Newfoundland and Labrador	3,681	3,423	3,720	5,714	4,057	2,877	3,159	3,117
British West Indies and Bermuda.....	2,226	2,464	2,420	2,957	1,987	1,085	1,387	1,138
Haiti, Republic of.....	544	513	515	518	298	162	113	82
Other countries.....	1,724	1,730	1,654	2,270	1,803	425	706	696
Total.....	21,118	15,229	14,276	19,070	14,704	7,488	9,975	11,377

¹ Preliminary.² Less than 500.³ Beginning July 1931, includes "Wiltshire sides."⁴ Includes Austria beginning May 6, 1938.⁵ Beginning July 1931, "Wiltshire sides" included with "Bacon, including Cumberland sides."

TABLE 603.—*Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued*

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
ANIMAL PRODUCTS—continued								
Lard:²	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
United Kingdom.....	256,353	239,358	255,769	313,805	159,910	53,307	53,852	119,267
Germany.....	107,317	142,354	158,226	72,599	5,133	6,125	1,772	2,546
Netherlands.....	26,478	29,980	42,066	24,271	880	40	51	110
Belgium.....	9,406	5,750	10,150	16,850	1,070	610	1,364	701
Italy.....	6,064	7,125	5,646	9,264	483	0	781	652
Other Europe.....	14,791	8,799	12,776	12,786	1,408	186	956	4,480
Total Europe.....	420,409	433,366	484,633	449,575	168,884	60,268	58,776	128,056
Cuba.....	49,004	38,406	10,023	14,247	31,179	24,154	35,369	44,776
Mexico.....	67,491	35,483	38,085	47,630	8,969	943	2,788	9,009
Canada.....	12,224	6,197	3,482	282	2,604	1,076	3,405	1,399
Colombia.....	11,836	4,284	113	103	3	169	380	172
Other countries.....	24,706	24,903	23,963	35,160	13,473	2,250	2,285	6,130
Total.....	585,670	542,639	560,299	546,997	225,112	88,860	103,003	189,542
Lard, neutral:³								
Netherlands.....	3,264	2,554	1,616	598	514	62	206	* 244
Germany.....	1,421	1,152	887	135	38	0	0	* 0
United Kingdom.....	1,526	745	602	424	464	50	58	* 44
Denmark.....	1,453	504	647	911	219	73	0	* 0
Sweden.....	706	765	471	734	210	62	46	* 33
Norway.....	529	455	210	89	0	4	0	* 0
Other Europe.....	1,015	916	1,050	1,481	741	392	321	* 183
Total Europe.....	9,974	7,391	5,483	4,372	2,186	673	661	* 504
Other countries.....	785	290	75	44	104	44	47	* 54
Total.....	10,759	7,681	5,558	4,416	2,290	717	708	* 558
Oléo oil:								
Germany.....	13,934	11,570	11,671	4,755	375	320	163	30
Netherlands.....	15,868	11,698	8,808	4,770	2,550	2,024	1,490	2,159
United Kingdom.....	13,179	9,883	9,825	11,065	7,166	4,389	3,705	3,121
Norway.....	2,018	1,500	1,031	719	240	139	34	49
Greece.....	1,587	1,519	461	428	286	143	29	19
Belgium.....	1,837	1,716	1,964	2,079	774	1,032	622	472
Denmark.....	2,408	2,134	1,654	1,020	519	435	172	5
Other Europe.....	1,808	1,415	1,625	1,949	861	740	571	332
Total Europe.....	52,639	41,435	37,039	26,785	12,761	9,222	6,786	6,187
Other countries.....	2,322	2,327	2,593	644	412	330	155	221
Total.....	54,961	43,762	39,632	27,429	13,173	9,552	6,941	6,408
VEGETABLE PRODUCTS								
Cotton, unmanufactured:¹⁰	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
Lint:								
Germany.....	1,752	1,629	1,907	1,477	382	804	683	718
United Kingdom.....	1,108	1,314	1,520	1,412	787	1,431	1,226	1,644
France.....	986	487	895	709	383	731	668	770
Italy.....	495	673	833	722	500	414	410	527
Belgium.....	143	143	196	135	100	172	164	201
Spain.....	268	309	350	320	258	232	3	1
Netherlands.....	147	157	137	121	65	70	95	125
Poland and Danzig.....	9	39	194	259	222	284	190	245
Portugal.....	43	69	78	63	45	59	40	41
Union of Soviet Socialist Republics.....	30	0	0	96	58	57	1	(⁹)
Sweden.....	47	62	70	81	92	91	95	91
Other Europe.....	85	127	102	109	104	105	130	281
Total Europe.....	5,113	5,009	6,282	5,594	2,996	4,450	3,735	4,644
Japan.....	1,233	2,396	1,717	2,060	1,605	1,585	1,600	677
China.....	393	1,143	352	366	163	38	15	23
Canada.....	191	188	89	271	226	272	309	267
British India.....	113	252	61	21	50	7	14	148
Other countries.....	5	1	146	54	26	45	40	140
Total.....	7,048	8,989	8,647	8,366	5,066	6,397	5,722	5,899

¹ Preliminary.² Less than 500.³ Includes Austria beginning May 6, 1938.⁷ Beginning January 1938, includes "neutral lard."⁸ Beginning January 1938, included with "lard."⁹ 6 months, July-December.¹⁰ Bales of 500 pounds gross.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Cotton, unmanufactured ² —Con.	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
Linters:								
Germany ³	56	59	76	85	81	95	112	119
France.....	27	24	34	25	39	36	64	58
United Kingdom.....	11	16	41	53	53	66	57	77
Netherlands.....	8	13	18	14	28	42	50	19
Belgium.....	5	1	14	2	2	3	3	5
Italy.....	4	2	5	4	15	11	14	27
Other Europe.....	2	1	2	1	4	1	3	1
Total Europe.....	113	116	190	184	222	254	303	306
Canada.....	16	14	13	11	9	9	9	14
Japan.....	3	14	13	16	27	41	26	28
Other countries.....	0	1	2	5	4	1	2	4
Total.....	132	145	218	216	262	305	340	352
Fruits:								
Fresh:	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels
Apples:								
United Kingdom.....	954	1,893	1,048	392	405	999	249	597
Germany ³	404	73	225	272	14	28	6	2
Netherlands.....	334	49	80	30	13	8	8	16
Belgium.....	313	159	132	191	140	255	79	123
France.....	131	367	35	20	20	35	11	23
Denmark.....	65	73	19	19	(⁴)	(⁴)	0	0
Other Europe.....	67	117	103	35	72	82	44	66
Total Europe.....	2,268	2,761	1,612	979	664	1,407	397	827
Other countries.....	211	57	42	67	32	66	49	62
Total.....	2,479	2,818	1,654	1,046	696	1,473	446	889
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
United Kingdom.....	3,991	3,475	2,420	2,183	2,095	2,402	1,522	2,201
Germany ³	3,476	1,988	2,222	2,329	557	704	628	779
Netherlands.....	2,417	1,303	1,660	1,627	612	773	537	844
France.....	677	913	883	1,133	903	1,209	706	1,430
Other Europe.....	824	771	854	560	637	407	414	747
Total Europe.....	11,385	8,450	7,748	7,832	4,804	5,495	3,807	6,001
Canada.....	475	238	113	40	93	169	473	249
Argentina.....	261	167	91	80	61	75	41	62
Brazil.....	170	127	128	91	111	148	114	133
Philippine Islands.....	112	105	104	77	100	104	76	128
Palestine.....	2	5	5	49	84	142	132	167
Egypt.....	68	28	20	48	38	112	152	217
Cuba.....	55	34	27	22	39	54	55	80
Other countries.....	376	313	259	341	364	412	356	470
Total.....	12,904	9,467	8,504	8,580	5,714	6,711	5,206	7,507
	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets	1,000 baskets
Belgium.....	11 12	68	220	88	220	63	63	311
United Kingdom.....	11 39	88	78	68	720	66	303	
France.....	11 25	32	93	79	89	13	56	
Canada.....	11 18	34	26	5	42	23	51	
Germany ³	11 16	51	70	11	3	(⁵)	2	
Other countries.....	11 1	20	51	10	35	15	61	
Total.....	11 111	288	541	261	1,109	210	784	

¹ Preliminary.² Less than 500.³ Includes Austria beginning May 6, 1938.⁴ Bales of 500 pounds gross.⁵ 6 months, January-June.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Fruits—Continued.								
Fresh—Continued.								
Pears:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United Kingdom.....	68,981	47,441	61,064	55,942	53,026	58,662	53,221	59,846
Netherlands.....	9,812	4,589	10,599	10,689	3,222	5,351	5,801	6,847
Germany.....	6,619	1,538	4,087	2,954	268	1,525	1,188	2,962
Sweden.....	3,176	2,415	3,515	2,379	4,762	6,693	6,020	7,743
France.....	1,732	10,012	20,921	19,831	14,830	19,369	19,594	18,623
Belgium.....	1,126	721	22	605	65	431	1,025	2,560
Other Europe.....	880	1,069	828	1,043	1,415	1,322	1,617	1,941
Total Europe.....	92,329	68,415	101,636	93,343	77,977	92,253	88,666	100,522
Canada.....	30,101	16,274	11,815	9,035	12,374	19,303	27,969	17,886
Brazil.....	4,763	2,071	2,807	3,470	3,636	3,961	5,228	4,596
Argentina.....	3,340	1,478	1,432	1,160	781	713	413	337
Cuba.....	1,214	821	658	394	878	1,048	1,339	1,514
Mexico.....	803	109	159	137	187	192	396	623
Venezuela.....	356	234	173	221	112	130	173	249
Panama.....	277	241	317	365	318	344	367	470
Other countries.....	1,497	1,059	990	2,883	4,752	6,300	6,767	8,550
Total.....	134,670	90,702	119,987	111,008	100,635	124,144	131,318	134,747
Lemons:								
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Canada.....	210	209	117	151	261	347	245	285
United Kingdom.....	2	1	1	0	53	284	38	106
New Zealand.....	10	3	1	17	11	8	7	10
China.....	8	7	6	6	10	9	7	3
Japan.....	19	22	12	7	21	23	19	9
Philippine Islands.....	7	6	5	5	7	7	5	7
Netherlands.....	0	0	0	0	5	20	(¹)	10
Other countries.....	12	10	8	9	16	28	11	26
Total.....	268	258	150	195	384	726	332	456
Oranges:								
Canada.....	2,873	2,470	2,082	2,010	2,178	2,531	2,432	2,712
United Kingdom.....	669	628	787	871	931	1,671	61	1,738
France.....	13	22	35	38	156	375	290	188
Netherlands.....	40	32	93	57	167	151	2	328
Norway.....	23	11	20	19	74	83	22	255
Philippine Islands.....	50	48	51	58	75	84	58	78
China.....	23	34	39	52	56	61	41	15
Other countries.....	293	289	284	344	455	490	169	618
Total.....	3,984	3,534	3,391	3,440	4,092	5,446	3,084	5,932
Grapefruit:								
United Kingdom.....	741	692	534	505	447	481	53	129
Canada.....	408	453	328	372	443	486	596	655
France.....	7	6	9	17	22	25	12	24
Germany.....	23	13	5	7	2	7	(¹)	(¹)
Netherlands.....	8	2	2	2	10	27	5	10
Other countries.....	38	36	24	43	51	63	37	55
Total.....	1,222	1,202	902	946	984	1,066	703	873
Dried:								
Total fruits, dried.....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
	516,340	468,392	398,516	408,451	313,056	420,968	357,095	446,088
Apples:								
Germany.....	18,470	12,055	17,835	19,971	9,408	6,666	1,599	1,561
Netherlands.....	8,763	8,154	7,569	7,226	4,957	9,356	5,334	9,311
France.....	2,956	2,695	2,082	2,653	2,394	5,295	7,524	4,280
Sweden.....	1,846	2,501	4,043	3,037	2,479	3,866	2,377	2,728
Denmark.....	1,161	1,429	1,205	848	272	66	75	255
United Kingdom.....	1,755	2,198	1,366	1,104	1,342	2,528	1,036	2,280
Other Europe.....	2,642	1,961	1,919	1,925	1,788	3,558	2,179	2,833
Total Europe.....	37,593	30,993	36,019	36,764	22,640	31,335	20,124	23,248
Other countries.....	528	564	582	575	837	1,235	1,155	1,188
Total.....	38,121	31,557	36,601	37,339	23,477	32,570	21,279	24,436

¹ Preliminary.² Less than 500.³ Includes Austria beginning May 6, 1938.

TABLE 603.—*Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued*

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Fruits—Continued.								
Dried—Continued.								
Apricots:								
Germany ¹	8,695	11,798	10,790	12,450	1,896	2,271	1,228	1,493
Netherlands.....	2,933	3,913	2,812	3,192	1,628	2,539	2,034	3,540
United Kingdom.....	1,243	2,789	3,170	2,605	1,143	2,935	3,182	3,518
Belgium.....	1,932	2,007	1,766	2,201	1,307	1,857	2,730	2,966
Norway.....	786	1,389	1,132	717	600	901	968	1,202
Sweden.....	835	1,151	1,212	952	530	1,306	1,469	1,549
Denmark.....	2,290	3,369	1,453	1,774	134	93	78	376
France.....	2,458	7,139	8,250	8,827	5,938	10,715	12,868	12,552
Other Europe.....	820	1,370	888	1,362	958	1,666	1,229	1,691
Total Europe.....	21,992	34,925	31,473	34,080	14,134	24,283	26,686	28,887
Canada.....	1,036	1,833	1,942	1,532	379	1,254	1,481	2,192
Other countries.....	619	864	853	1,004	683	1,051	1,198	1,605
Total.....	23,647	37,622	34,268	36,616	15,196	26,588	29,365	32,684
Peaches:								
France.....	1,620	1,883	1,787	1,255	1,627	2,160	2,908	1,584
Germany ¹	2,412	1,798	2,080	2,620	1,289	107	135	182
United Kingdom.....	912	691	963	359	441	963	455	953
Denmark.....	448	1,190	295	424	185	68	39	43
Netherlands.....	338	108	224	230	104	167	137	163
Belgium.....	249	82	61	116	103	66	134	149
Sweden.....	84	378	422	265	204	373	809	526
Norway.....	10	79	77	39	47	36	71	61
Italy.....	855	690	377	302	226	21	3	7
Other Europe.....	202	111	245	186	214	316	215	274
Total Europe.....	7,130	7,010	6,231	5,796	4,440	4,277	4,906	3,942
Canada.....	1,109	1,281	1,270	1,605	1,664	1,630	1,755	1,618
Other countries.....	243	199	148	168	247	190	384	789
Total.....	8,482	8,490	7,649	7,569	6,351	6,097	7,045	6,349
Pears:								
Germany ¹	3,453	2,153	2,868	5,017	1,649	509	200	219
France.....	1,424	1,413	1,400	1,252	1,597	3,255	3,037	2,090
United Kingdom.....	1,175	1,056	576	538	557	1,299	878	1,030
Netherlands.....	948	425	645	510	557	973	1,168	466
Sweden.....	234	275	337	330	395	590	867	595
Other Europe.....	493	490	237	414	437	382	460	535
Total Europe.....	7,727	5,812	6,063	8,061	5,192	7,017	6,630	4,935
Canada.....	115	166	96	181	289	288	418	408
Other countries.....	195	101	98	166	206	255	304	235
Total.....	8,037	6,079	6,257	8,408	5,687	7,560	7,352	5,578
Prunes:								
Germany ¹	97,631	62,539	34,858	64,463	7,722	29,347	7,097	17,499
United Kingdom.....	39,824	42,757	31,610	32,161	33,902	46,108	30,344	37,503
France.....	46,571	46,882	41,019	29,398	26,743	44,541	45,697	47,279
Netherlands.....	18,903	9,309	7,611	7,632	8,250	10,596	9,273	11,141
Sweden.....	8,712	8,788	6,803	6,780	9,105	9,639	6,487	8,110
Italy.....	15,851	13,262	6,236	3,345	2,978	347	160	236
Denmark.....	9,426	7,985	6,605	6,184	7,106	10,209	6,407	15,264
Belgium.....	9,614	6,652	6,397	7,903	7,376	9,461	10,088	10,029
Norway.....	5,313	5,063	4,561	3,848	4,929	4,393	4,513	5,341
Other Europe.....	15,970	14,935	11,565	14,637	14,354	16,809	10,524	24,190
Total Europe.....	267,815	218,172	157,265	176,351	122,465	181,750	130,590	176,592
Canada.....	16,456	17,161	15,107	16,027	18,215	19,008	18,295	17,807
Other countries.....	11,983	8,602	9,982	10,454	12,036	16,881	15,067	20,393
Total.....	296,254	243,935	182,354	202,832	152,716	217,639	163,952	214,792

¹ Preliminary.² Includes Austria beginning May 6, 1938.

TABLE 603.—*Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued*

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Fruits—Continued.								
Dried—Continued.								
Raisins:								
United Kingdom.....	40,293	48,458	47,466	30,250	36,286	50,465	49,235	60,536
Germany ²	14,628	16,899	15,494	14,730	6,348	781	753	2,386
Sweden.....	10,510	8,916	8,383	6,601	7,392	8,082	8,384	11,826
Netherlands.....	8,827	7,315	4,553	4,328	3,604	4,872	6,161	14,177
France.....	3,303	3,507	4,073	3,872	4,827	6,713	7,160	9,211
Belgium.....	2,773	2,904	1,254	1,435	3,467	3,161	4,715	6,668
Denmark.....	1,385	1,834	1,770	1,346	1,157	169	104	643
Ireland.....	1,209	1,890	2,130	2,975	2,374	3,623	4,096	4,367
Norway.....	610	644	612	643	1,172	1,602	1,540	4,105
Other Europe.....	1,402	2,043	3,044	2,940	3,918	4,279	3,035	6,356
Total.....	84,940	94,410	88,779	69,120	70,545	83,747	85,183	120,066
Canada.....	22,894	14,576	9,295	10,949	7,988	8,014	7,561	5,295
New Zealand.....	4,674	4,359	5,285	4,300	2,445	3,265	2,899	2,370
China.....	1,816	1,627	1,717	2,249	3,127	3,003	3,685	1,061
Japan.....	2,140	1,922	1,489	1,158	1,623	1,539	2,143	646
Mexico.....	1,521	235	474	458	610	735	990	851
Other countries.....	7,115	5,084	5,468	5,720	7,552	8,713	9,871	11,081
Total.....	125,100	122,213	112,507	93,954	93,890	109,016	112,332	141,370
Canned:								
Total fruits, canned.....	271,097	249,825	238,583	297,752	236,501	340,811	271,147	256,279
Apricots:								
United Kingdom.....	15,423	20,329	17,151	21,251	8,683	23,973	20,585	21,609
France.....	703	679	545	622	295	543	835	1,680
Other Europe.....	1,213	1,476	1,246	1,620	830	1,183	1,295	2,390
Total Europe.....	17,339	22,484	18,942	23,493	9,808	25,699	22,715	25,679
Canada.....	687	107	108	42	29	128	107	151
Other countries.....	998	570	454	780	712	927	909	1,100
Total.....	19,024	23,161	19,504	24,315	10,549	26,754	23,731	26,930
Grapefruit:								
United Kingdom.....	¹¹ 4,782	6,264	14,402	31,326	28,218	26,217	33,520	33,844
Other Europe.....	¹¹ 107	81	120	156	126	3,145	269	255
Total Europe.....	¹¹ 4,889	6,345	14,522	31,482	28,344	29,362	33,789	34,099
Canada.....	¹¹ 1,269	209	156	238	236	263	356	278
Other countries.....	¹¹ 146	95	121	178	286	296	392	379
Total.....	¹¹ 6,304	6,649	14,799	31,898	28,866	29,921	34,537	34,756
Fruits for salad:								
United Kingdom.....	28,248	29,859	25,022	37,761	27,732	36,239	32,969	27,882
Other Europe.....	1,011	1,383	1,136	1,503	1,797	2,246	2,662	1,948
Total Europe.....	29,259	31,242	26,158	39,264	29,529	38,485	35,631	29,830
Canada.....	669	184	58	92	143	140	259	279
Other countries.....	1,691	776	718	1,002	1,482	1,801	2,418	2,493
Total.....	31,619	32,202	26,934	40,358	31,154	40,426	38,308	32,602
Peaches:								
United Kingdom.....	61,422	58,703	67,578	72,987	44,036	94,407	51,178	48,283
France.....	1,213	901	760	961	580	1,030	1,492	1,142
Netherlands.....	1,275	1,522	2,247	2,050	277	587	793	749
Other Europe.....	2,730	2,776	2,087	2,688	2,224	2,994	2,415	2,347
Total Europe.....	66,640	63,902	72,672	78,686	47,117	99,018	55,878	52,521
Canada.....	3,038	414	436	187	214	149	134	69
Cuba.....	1,047	210	121	256	711	763	1,017	840
Other countries.....	5,038	1,774	1,770	2,335	2,377	3,027	3,215	2,958
Total.....	75,763	66,300	74,999	81,464	50,419	102,957	60,244	56,388

¹ Preliminary.² Includes Austria beginning May 6, 1938.¹¹ 6 months, January-June.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Fruits—Continued.								
Canned—Continued.								
Pears:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United Kingdom.....	68,763	68,024	57,819	74,454	67,288	77,692	61,459	54,263
Ireland.....	533	851	796	1,210	1,015	1,015	1,262	1,005
France.....	474	360	278	321	203	284	561	321
Netherlands.....	165	104	352	350	229	334	144	197
Germany ²	353	329	69	172	108	110	106	142
Other Europe.....	858	462	299	389	504	465	567	470
Total Europe.....	71,146	70,130	59,613	76,926	69,347	79,900	64,099	56,398
Other countries.....	3,208	1,440	1,149	1,458	2,032	2,416	2,783	2,727
Total.....	74,354	71,570	60,762	78,384	71,379	82,316	66,882	59,125
Pineapples:								
United Kingdom.....	12,915	7,348	4,750	6,919	6,798	9,883	10,066	10,660
Germany ²	5,471	4,768	4,053	5,052	2,261	2,315	845	615
France.....	2,500	2,484	2,063	2,164	2,616	2,214	3,275	3,064
Netherlands.....	2,089	656	1,079	1,596	818	1,353	747	949
Belgium.....	1,414	918	1,032	1,243	1,668	2,286	2,356	2,547
Sweden.....	887	729	581	767	1,300	1,637	1,039	1,693
Other Europe.....	2,406	2,050	1,456	1,603	1,714	1,209	1,090	2,364
Total Europe.....	27,842	18,953	14,984	20,324	17,154	20,897	19,418	21,892
Canada.....	6,630	780	298	637	762	1,457	3,292	1,895
China.....	613	335	111	198	246	99	106	130
Other countries.....	1,223	852	580	672	949	1,238	1,062	1,267
Total.....	35,308	20,920	15,923	21,831	19,111	23,691	23,878	25,184
Grains and grain products:								
Barley (grain):	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
United Kingdom.....	8,670	4,237	6,607	5,324	3,483	8,275	4,901	8,224
Netherlands.....	8	234	175	0	0	310	75	2,588
Belgium.....	778	171	1,734	91	0	338	10	1,426
Germany ²	0	77	123	0	0	0	0	288
Other Europe.....	537	162	12	160	318	655	17	78
Total Europe.....	9,990	4,881	8,651	5,575	3,801	9,598	5,003	12,604
Canada.....	0	116	360	95	2	60	14	4,909
Other countries.....	303	87	144	265	247	228	136	101
Total.....	10,302	5,084	9,155	5,935	4,050	9,886	5,153	17,614
Corn (grain):								
Canada.....	1,414	2,681	5,183	3,627	1,791	309	137	40,752
Netherlands.....	50	65	759	154	2	1	1	14,021
Germany ²	69	114	156	58	(³)	0	0	10,589
United Kingdom.....	8	322	1,001	263	12	15	17	22,445
Denmark.....	1	0	197	(³)	(³)	(³)	(³)	2,241
Mexico.....	823	7	8	7	1	1	15	780
Cuba.....	18	2	47	58	1	(³)	(³)	1
Other countries.....	146	153	842	238	49	107	76	12,543
Total.....	2,529	3,344	8,193	4,405	1,856	433	246	103,372
Oats (grain):								
United Kingdom.....	0	0	45	0	0	0	(³)	60
Belgium.....	0	0	82	0	210	100	0	0
Other Europe.....	0	2	595	0	28	129	0	17
Total Europe.....	0	2	722	0	238	229	(³)	77
Canada.....	680	1,952	2,977	289	1	360	5	10,871
Cuba.....	61	352	223	11	9	86	8	245
Mexico.....	35	34	33	21	56	18	10	70
Honduras.....	29	92	55	60	26	9	8	11
Panama.....	25	11	35	41	16	15	11	9
Philippine Islands.....	47	0	(³)	2	2	3	6	32
Other countries.....	30	36	40	27	29	21	19	46
Total.....	907	2,479	4,085	451	377	741	67	11,361

¹ Preliminary.² Less than 500.³ Includes Austria beginning May 6, 1938.¹¹ Exports to Netherlands.¹² Exports to Italy.¹³ Exports to Sweden.

TABLE 603.—*Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued*

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Grains and grain products—Con.								
Oatmeal:								
United Kingdom.....	1,000 pounds 4,833	1,000 pounds 8,990	1,000 pounds 2,537	1,000 pounds 156	1,000 pounds 78	1,000 pounds 39	1,000 pounds 41	1,000 pounds 248
Netherlands.....	9,479	6,658	5,864	2,172	1,712	56	(²)	0
Belgium.....	1,955	1,775	1,536	1,316	972	53	28	39
Finland.....	431	2,569	1	0	0	0	0	55
Other Europe.....	1,160	1,300	1,494	1,969	977	82	38	202
Total Europe.....	17,858	21,292	11,432	5,613	3,739	230	107	544
South America.....	8,093	5,101	4,142	4,826	3,063	5,206	6,002	6,902
Mexico.....	3,202	1,640	1,423	453	265	238	493	600
Canada.....	1,046	812	694	336	235	265	253	369
British India.....	1,400	926	44	30	48	68	79	29
Netherlands India.....	940	558	555	546	385	432	952	850
Philippine Islands.....	182	383	499	401	307	387	455	695
Panama.....	512	457	430	485	359	309	603	630
Other countries.....	6,653	4,085	3,744	4,481	5,451	5,201	6,271	6,833
Total.....	39,886	35,254	22,963	17,171	13,852	12,396	15,225	17,452
Rice (grain): ¹¹								
Germany ¹²	34,527	41,670	29,855	18,172	8,932	2,854	796	1,494
United Kingdom.....	32,364	35,716	15,534	12,919	12,175	4,725	5,420	7,120
Belgium.....	14,735	11,994	10,244	9,007	10,053	4,209	2,814	14,237
France.....	18,187	22,190	19,095	23,602	17,448	3,364	3,997	8,388
Netherlands.....	18,155	11,672	8,810	6,687	5,167	1,063	1,268	10,779
Greece.....	8,470	12,302	2,479	5,368	8,254	8,483	2,860	16,404
Sweden.....	4,103	4,157	3,139	2,696	3,429	2,566	421	2,714
Denmark.....	2,397	2,574	1,970	1,215	32	(²)	(²)	
Other Europe.....	9,743	10,397	4,206	6,782	6,170	2,715	1,278	6,253
Total Europe.....	142,690	152,672	95,332	86,358	71,680	29,979	18,854	67,389
South America.....	54,899	17,618	14,373	1,502	7,347	9,345	2,246	30,530
Canada.....	17,342	20,323	12,253	8,973	10,199	7,117	5,841	13,896
Central America.....	4,607	2,678	1,696	588	882	508	336	1,430
Cuba.....	927	7,582	6,087	1,939	30,956	36,399	23,851	194,651
Other West Indies and Ber- muda.....	1,197	1,504	944	475	329	189	142	1,220
Philippine Islands.....	82	38	315	139	47	287	60	246
Japan.....	378	363	53	0	0	2	0	0
Other countries.....	2,427	11,695	4,853	589	985	357	242	232
Total.....	224,540	214,473	135,906	100,563	122,425	84,183	51,572	309,594
Rye (grain):								
Netherlands.....	1,000 bushels 21	1,000 bushels 278	1,000 bushels 167	1,000 bushels 0	1,000 bushels 0	1,000 bushels 0	1,000 bushels 0	1,000 bushels 289
Germany ¹²	0	290	0	0	0	0	0	231
Denmark.....	48	54	28	0	0	0	0	800
Norway.....	0	0	0	0	0	0	0	1,053
Belgium.....	41	0	0	0	0	0	0	609
France.....	17	0	0	0	0	0	0	0
United Kingdom.....	0	0	0	0	0	0	(²)	130
Italy.....	40	0	0	0	0	0	0	0
Other Europe.....	1	0	0	0	0	0	0	65
Total Europe.....	168	622	195	0	0	0	(²)	3,237
Canada.....	0	223	116	16	(²)	4	244	3,338
Other countries.....	11	7	(²)	5	(²)	18 5	4	3
Total.....	179	852	311	21	(²)	9	248	6,578

¹ Preliminary.² Less than 500.³ Includes Austria beginning May 6, 1938.¹¹ Beginning Jan. 1, 1933, includes "paddy" in terms of cleaned.¹² Exports to Mexico.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Grains and grain products—Con.								
Wheat (grain):	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
United Kingdom.....	17,803	15,112	1,558	1,001	325	0	169	22,711
Netherlands.....	6,943	8,681	700	99	21	0	1,204	11,440
Italy.....	3,675	1,441	398	0	119	0	244	1,153
Belgium.....	7,394	10,707	2,372	171	48	70	210	12,468
France.....	7,859	6,148	1,121	38	88	31	101	866
Greece.....	3,379	11,149	3,149	0	0	0	0	2,473
Germany ²	1,722	3,530	263	0	30	0	0	1,313
Ireland.....	2,146	1,180	1,065	2,328	1,152	0	399	11,534
Other Europe.....	991	573	59	18	1	(³)	11	5,012
Total Europe.....	51,972	58,521	10,685	3,655	1,754	101	2,368	68,970
Canada.....	12,493	5,799	492	17	3	33	213	9,374
Japan.....	3,063	1,646	118	4,840	192	0	133	42
China.....	1,872	14,350	0	9,839	887	0	0	0
Other countries.....	6,965	16,205	17 9,592	449	183	177	454	5,354
Total.....	76,365	96,521	20,887	18,800	3,019	311	3,168	83,740
Wheat flour:	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels	1,000 barrels
Wholly of United States wheat: ⁴								
Netherlands.....					11 11	17	159	498
United Kingdom.....					11 24	44	45	193
Norway.....					(11 1)	2	(⁵)	64
Germany ²					11 0	(²)	6	2
Denmark.....					(11 1)	(²)	(²)	3
Greece.....					(11 1)	0	0	2
Ireland.....					11 0	0	0	(²)
Finland.....					11 0	(⁵)	0	12
Other Europe.....					11 2	0	15	34
Total Europe.....					11 37	63	225	808
Cuba.....					11 125	178	181	512
Other West Indies ³					11 17	29	37	214
Philippine Islands.....					11 123	250	471	723
Central America.....					11 116	189	187	513
Hong Kong.....					11 49	38	34	282
China.....					11 5	6	13	88
Kwantung.....					11 1	2	12	12
Venezuela.....					11 7	8	8	98
Brazil.....					(11 1)	3	(²)	27
Egypt.....					11 0	(²)	(²)	22
Mexico.....					11 9	9	12	16
Colombia.....					(11 1)	2	2	6
British West Africa.....					11 1	1	1	4
Other countries.....					11 20	52	125	347
Total.....	(11)	(11)	(11)	(11)	11 509	829	1,298	3,472
Other wheat flour: ¹⁰								
Netherlands.....	1,297	176	138	83	81	154	224	31
United Kingdom.....	1,378	775	91	69	33	2	5	29
Norway.....	313	273	177	124	132	107	112	51
Germany ²	243	145	25	15	21	18	15	4
Denmark.....	508	284	53	40	24	8	4	(²)
Greece.....	12	7	1	5	13	17	9	11
Ireland.....	155	117	69	51	37	0	(²)	1
Finland.....	282	139	27	19	13	8	9	6
Other Europe.....	313	122	107	113	48	29	26	17
Total Europe.....	4,501	2,038	688	519	402	343	404	150
Cuba.....	968	871	738	809	806	864	807	512
Other West Indies ³	590	550	436	390	326	207	288	149
China.....	1,000	1,740	133	32	342	0	(²)	(²)
Hong Kong.....	843	680	427	216	81	0	(²)	0
Brazil.....	671	113	61	196	126	64	66	29
Philippine Islands.....	640	630	562	401	234	(²)	(²)	(²)
Central America.....	638	596	503	471	346	188	192	102
Kwantung.....	382	96	30	45	10	0	0	0
Venezuela.....	254	242	106	186	184	178	230	187
Egypt.....	185	163	131	135	142	159	182	100
Mexico.....	33	8	4	9	8	1	(²)	(²)
Colombia.....	98	30	3	3	5	2	4	2
British West Africa.....	155	111	92	89	89	100	128	101
Other countries.....	748	489	320	292	329	298	320	186
Total.....	11,726	8,357	4,324	3,873	3,430	2,494	2,621	1,518

¹ Preliminary.² Less than 500.³ Excludes Bermuda.⁴ Includes Austria beginning May 6, 1938.⁵ 6 months, January-June.¹¹ Includes 9,106,000 bushels to Brazil.¹² Not separately classified prior to Jan. 1, 1935.¹³ Total wheat flour prior to Jan. 1, 1935.

TABLE 603.—*Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued*

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Hops:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
United Kingdom.....	2,745	2,359	1,145	4,486	3,271	3,972	1,538	3,810
Ireland.....	795	709	855	1,596	1,598	949	640	752
Belgium.....	77	37	41	247	334	158	12	122
Other Europe.....	111	10	0	156	31	41	5	10
Total Europe.....	3,728	3,175	2,041	6,485	5,234	5,120	2,195	4,694
Canada.....	1,685	566	189	749	1,077	733	312	547
Other countries.....	180	76	201	354	424	406	216	362
Total.....	5,593	3,817	2,431	7,588	6,735	6,349	2,723	5,603
Nuts, total.....	9,947	12,762	11,973	26,813	12,763	18,525	20,240	21,551
Oil cake and oil-cake meal:								
Cottonseed cake: ²⁰	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Denmark.....	33,910	140,508	106,572	56,504	0	5,108	0	37,391
Germany ³	0	14,027	2,712	923	0	672	0	18,308
Other Europe.....	11	6,826	846	534	11,567	102	0	3,907
Total Europe.....	33,921	161,361	110,130	58,261	567	5,882	0	59,606
Other countries.....	1,459	89	50	67	36	1	34	183
Total.....	35,380	161,450	110,180	58,328	603	5,883	34	59,789
Cottonseed meal: ²⁰								
United Kingdom.....	1,648	15,090	4,130	2,334	0	1,120	401	4,780
Norway.....	56	10,528	5,012	616	0	28	0	4,744
Germany ³	0	9,474	18,028	73	0	0	0	686
Ireland.....	0	6,398	2,800	2,940	0	782	0	4,374
Netherlands.....	84	1,810	3,175	1,841	0	252	1,008	2,346
Belgium.....	506	1,607	3,170	1,381	112	11	224	3,002
France.....	560	700	728	338	0	0	0	0
Other Europe.....	(22)	2,039	2	108	0	11	0	0
Total Europe.....	2,854	47,646	37,045	9,631	112	2,204	1,633	19,932
Canada.....	4,272	4,388	2,214	4,506	809	1,391	2,119	6,440
Other countries.....	1,123	1,652	2,001	1,414	1,220	932	666	1,850
Total.....	8,249	53,686	41,260	15,551	2,141	4,527	4,418	28,222
Linseed or flaxseed cake: ²⁰								
Netherlands.....	70,752	103,094	57,381	136,287	34,710	49,552	62,800	57,434
Belgium.....	44,924	69,818	50,254	107,163	111,750	121,938	140,212	141,828
United Kingdom.....	21,248	10,864	1,129	16,137	18,704	20,259	17,612	18,054
Other Europe.....	7,654	27,378	4,316	2,957	11,375	25,968	43,491	38,871
Total Europe.....	144,578	211,154	113,080	262,544	176,539	217,717	264,115	256,187
Other countries.....	295	517	207	1,817	1,208	66	235	3,341
Total.....	144,873	211,671	113,287	264,361	177,747	217,783	264,350	259,528
Cottonseed oil:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada.....	9,152	28,572	29,634	10,988	391	343	256	2,226
Cuba.....	9,855	7,797	5,388	7,112	1,932	226	43	2,418
Mexico.....	3,954	450	2,062	563	150	371	459	982
Japan.....	1,146	1,602	3,543	2,261	1,336	926	1,277	348
Panama.....	768	930	1,007	801	972	850	617	787
Philippine Islands.....	108	203	974	277	118	449	297	400
Venezuela.....	9	7	31	14	18	21	11	149
Argentina.....	94	3	22	0	0	22	22	0
Other countries.....	1,267	1,451	1,766	1,173	378	363	333	496
Total.....	26,353	40,985	44,427	23,189	5,495	3,571	3,315	7,806
Timothy seed:								
United Kingdom.....	2,054	2,428	1,365	1,356	11	2,609	386	2,414
Germany ³	391	453	179	0	0	173	0	37
Denmark.....	147	331	39	0	0	18	0	0
Netherlands.....	45	166	83	34	0	236	27	290
Other Europe.....	90	419	144	12	0	600	142	661
Total Europe.....	2,727	3,827	1,810	1,402	11	3,636	555	3,402
Canada.....	10,637	9,768	3,354	3,709	241	1,784	988	713
New Zealand.....	171	277	263	214	32	404	225	329
Other countries.....	60	76	64	58	6	49	45	141
Total.....	13,595	13,948	5,481	5,379	290	5,963	1,813	4,585

¹ Preliminary.² Includes Austria beginning May 6, 1938.²⁰ Tons of 2,000 pounds.³ Exports to United Kingdom.²² Less than 1/2 ton.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Sugar, refined: ²	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
United Kingdom.....	23, 111	23, 013	21, 480	30, 210	32, 046	28, 349	36, 555	35, 628
Netherlands.....	4, 689	4, 341	4, 616	4, 448	3, 932	4, 232	4, 012	3, 885
Norway.....	1, 735	2, 612	3, 072	4, 055	20, 758	7, 270	870	471
France.....	1, 636	569	588	535	447	332	437	115
Denmark.....	1, 445	1, 366	325	445	481	492	556	495
Belgium.....	686	610	798	656	3, 625	528	628	465
Italy.....	78	88	53	241	152	622	362	114
Ireland.....	6	105	1, 371	2, 470	6, 616	6, 522	1, 420	1, 384
Other Europe.....	301	574	210	57	6, 223	29	2	1
Total Europe.....	33, 687	33, 878	32, 511	43, 117	74, 280	48, 376	44, 842	42, 558
Uruguay.....	6, 643	2, 590	89	2, 911	30, 951	7, 955	0	100
West Indies and Bermuda.....	5, 331	3, 644	2, 099	2, 391	8, 311	2, 755	1, 788	1, 429
British Africa.....	6, 110	3, 793	478	794	1, 343	287	254	187
Panama.....	3, 958	5, 041	3, 234	3, 548	4, 532	4, 102	4, 031	4, 531
Canada.....	2, 295	1, 222	592	1, 147	2, 208	2, 175	2, 840	2, 798
Newfoundland and Labrador.....	2, 331	1, 801	455	3, 179	6, 594	6, 119	1, 278	789
Mexico.....	747	236	244	224	8, 041	1, 211	104	88
Colombia.....	4, 740	292	84	75	109	8, 785	15, 622	86
New Zealand.....	1, 428	225	(ⁿ)	262	1, 493	392	(ⁿ)	189
Philippine Islands.....	874	513	272	124	174	124	190	103
Chile.....	278	94	1	146	113	266	21	1
Surinam.....	125	137	101	158	218	217	208	60
China.....	64	42	50	111	1, 815	208	105	120
Venezuela.....	48	14	20	16	11	9	11	11
Other countries.....	1, 559	851	482	1, 530	11, 391	10, 956	4, 341	4, 559
Total.....	70, 218	54, 073	40, 712	59, 733	151, 884	93, 937	75, 635	57, 609
Tobacco, leaf:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Flue-cured:								
United Kingdom.....	184, 448	129, 399	131, 807	170, 507	152, 389	226, 631	170, 478	237, 459
Germany.....	12, 274	7, 611	4, 052	7, 838	1, 102	6, 619	2, 726	4, 641
Netherlands.....	7, 624	9, 688	4, 812	11, 548	3, 604	7, 107	9, 017	7, 928
Belgium.....	3, 589	3, 229	2, 679	3, 209	1, 878	2, 365	4, 809	5, 557
Other Europe.....	16, 959	12, 204	8, 872	12, 274	13, 490	16, 007	21, 826	22, 385
Total Europe.....	224, 894	162, 131	152, 222	205, 376	172, 463	258, 729	208, 856	277, 970
China.....	143, 942	77, 436	76, 607	87, 029	28, 976	24, 039	43, 096	40, 162
Australia.....	23, 173	11, 007	8, 693	10, 841	14, 818	18, 120	19, 407	18, 014
Canada.....	11, 210	10, 680	7, 487	7, 949	7, 817	4, 143	3, 748	3, 679
Japan.....	11, 604	4, 128	4, 735	7, 753	9, 370	6, 702	9, 909	1, 718
British India.....	1, 162	3, 721	3, 293	2, 236	1, 659	2, 299	2, 901	2, 968
Other countries.....	16, 703	16, 384	16, 625	9, 146	9, 371	8, 760	14, 723	17, 408
Total.....	432, 688	285, 487	269, 662	330, 330	244, 474	322, 792	302, 640	361, 919
Burley:								
Belgium.....	3, 085	3, 842	4, 319	3, 819	5, 606	1, 801	3, 328	1, 974
Portugal.....	1, 363	1, 262	1, 612	2, 242	2, 936	1, 883	2, 469	2, 546
Germany.....	442	530	488	540	463	410	522	341
Italy.....	373	496	285	465	601	20	111	149
Netherlands.....	232	1, 067	694	2, 218	1, 212	635	577	1, 003
Sweden.....	0	61	88	406	245	540	649	580
United Kingdom.....	776	330	66	230	173	203	204	369
Other Europe.....	848	966	1, 262	1, 208	1, 537	1, 270	1, 629	1, 783
Total Europe.....	7, 114	8, 544	8, 814	11, 128	12, 773	6, 762	9, 489	8, 745
Australia.....	246	268	388	271	585	467	490	1, 246
Newfoundland and Labrador.....	185	203	115	327	238	296	368	413
Argentina.....	45	67	28	154	121	185	285	103
Other countries.....	887	853	708	680	947	899	491	766
Total.....	8, 477	9, 915	10, 053	12, 560	14, 664	8, 609	11, 123	11, 264
Black fat, waterbaler, and dark African:								
British West Africa.....	2, 634	6, 044	4, 360	4, 249	4, 623	5, 438	5, 368	3, 866
French Africa.....	2, 511	2, 720	2, 099	2, 118	2, 351	2, 827	2, 847	2, 400
Portuguese Africa.....	172	545	358	476	226	551	370	566
Spanish Africa.....	152	284	299	360	340	270	93	159
Germany.....	80	124	301	465	188	492	197	70
Other countries.....	2, 007	747	810	1, 053	1, 040	918	1, 178	654
Total.....	7, 556	10, 464	8, 227	8, 721	8, 768	10, 496	10, 053	7, 715

¹ Preliminary.² Includes Austria beginning May 6, 1938.³ Tons of 2,000 pounds.ⁿ Less than 1/2 ton.⁴ Includes Hong Kong and Kwantung.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Tobacco, leaf—Continued								
Dark-fired Kentucky and Tennessee:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
France.....	pounds 18,844	pounds 28,148	pounds 24,456	pounds 20,333	pounds 17,529	pounds 18,915	pounds 18,986	pounds 18,429
Spain.....	2,011	8,791	4,155	17,630	15,863	7,844	0	0
Belgium.....	8,028	9,102	8,815	11,004	6,536	4,170	6,635	4,211
United Kingdom.....	5,291	5,621	4,514	2,254	2,765	3,209	4,140	2,195
Germany ¹	9,677	7,602	7,353	6,078	6,173	5,509	2,828	2,266
Netherlands.....	12,821	5,074	2,434	2,902	1,922	2,306	6,009	5,170
Poland and Danzig.....	3,347	2,330	2,187	709	964	934	768	1,434
Switzerland.....	2,551	1,468	1,205	3,300	1,839	1,236	2,374	1,669
Sweden.....	2,369	1,623	1,630	3,294	2,257	2,581	1,702	2,136
Portugal.....	1,799	1,404	227	1,070	1,891	1,301	937	1,357
Denmark.....	1,383	1,197	861	1,426	1,029	932	810	1,165
Ireland.....	1,326	852	241	540	916	555	974	982
Italy.....	3,120	3,373	475	975	894	107	537	706
Other Europe.....	1,274	849	1,084	834	642	1,318	934	699
Total Europe.....	73,841	74,434	59,637	72,349	60,620	50,917	47,643	42,389
Argentina.....	2,547	2,123	1,017	563	144	114	74	72
French Africa.....	1,366	1,223	685	841	836	1,364	1,674	1,365
Canary Islands.....	1,097	1,153	700	1,070	860	1,182	626	121
British West Africa.....	886	204	96	67	74	153	202	133
Mexico.....	837	54	21	25	19	41	50	20
Other countries.....	1,732	1,000	1,406	942	1,012	1,165	1,317	1,281
Total.....	82,306	80,191	63,652	75,857	63,565	54,936	51,286	45,381
Dark Virginia:								
Germany ¹	3,277	1,783	2,164	1,101	1,344	1,382	1,162	864
Norway.....	1,824	1,576	1,559	1,656	1,583	1,874	2,009	2,039
United Kingdom.....	1,068	2,284	609	1,156	1,599	1,348	1,647	1,641
Netherlands.....	780	1,887	1,572	1,783	500	287	290	164
Belgium.....	679	1,687	1,301	1,108	1,108	256	621	162
Portugal.....	277	239	89	559	498	334	196	464
France.....	160	0	0	0	36	20	34	46
Spain.....	140	0	875	0	0	0	0	0
Other Europe.....	2,555	1,993	2,469	3,040	2,135	2,523	1,904	1,391
Total Europe.....	10,750	11,449	10,638	10,403	8,823	8,024	7,863	6,681
Australia.....	1,020	488	366	374	128	81	431	343
Canada.....	240	35	109	23	67	144	143	95
French Africa.....	514	230	91	119	516	629	487	305
British West Africa.....	123	19	31	146	130	46	35	21
Spanish Africa.....	295	121	113	135	145	14	4	16
Other countries.....	407	749	1,176	1,172	707	810	892	748
Total.....	13,349	13,091	12,824	12,372	10,516	9,748	9,855	8,209
Maryland and Ohio export:								
Netherlands.....	797	665	2,916	3,973	2,454	2,147	2,215	658
France.....	4,917	3,244	3,074	1,755	135	925	890	609
Switzerland.....	1,707	1,841	1,510	2,023	1,803	1,128	968	2,011
Belgium.....	1,003	837	1,263	1,278	326	303	755	514
Germany ¹	209	95	236	624	383	400	102	59
Other Europe.....	1,066	461	591	430	529	313	213	372
Total Europe.....	9,699	7,143	9,590	10,083	5,330	5,216	5,163	4,223
Other countries.....	614	187	400	441	294	716	286	88
Total.....	10,313	7,330	9,990	10,524	5,624	5,932	5,449	4,311

¹Preliminary.²Includes Austria beginning May 6, 1938.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries, 1930-31 to 1937-38—Continued

Commodity and country to which exported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ¹
VEGETABLE PRODUCTS—continued								
Vegetables:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total vegetables, canned.....	pounds 59,654	pounds 32,105	pounds 25,457	pounds 32,508	pounds 33,409	pounds 39,700	pounds 30,535	pounds 44,324
Asparagus, canned:								
France.....	4,273	4,787	2,082	5,466	5,128	4,699	2,880	1,824
United Kingdom.....	1,927	1,290	2,134	3,219	2,665	3,087	3,291	2,005
Belgium.....	648	414	357	693	752	1,494	1,044	570
Switzerland.....	558	587	590	1,001	688	1,199	651	913
Germany.....	394	271	383	410	423	258	814	345
Netherlands.....	319	207	349	437	280	309	238	184
Other Europe.....	723	504	441	811	822	942	801	792
Total Europe.....	8,832	8,060	6,336	12,037	10,767	12,058	9,239	6,633
Canada.....	1,187	735	505	218	138	230	265	96
Japan.....	1,038	1,084	704	838	859	842	544	151
Union of South Africa.....	560	442	410	909	806	1,116	755	1,189
China.....	265	295	355	307	521	376	217	169
Philippine Islands.....	219	179	220	262	304	321	452	422
Australia.....	10	149	306	532	611	821	194	683
Algeria and Tunisia.....	275	257	225	462	392	257	128	77
Other countries.....	2,448	1,726	2,059	2,868	2,852	3,639	3,429	3,117
Total.....	14,834	12,927	11,121	18,433	17,250	19,660	15,223	12,537
Beans, dried: ²	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Cuba.....	bushels 54	bushels 54	bushels 54	bushels 39	bushels 20	bushels 67	bushels 21	bushels 60
Other West Indies and Ber-								
muda.....	11	12	23	16	14	21	7	12
Panama.....	17	16	18	13	13	14	13	13
Nicaragua.....	28	22	10	10	6	2	2	(³)
Canada.....	13	12	8	12	13	10	6	12
Mexico.....	122	11	5	4	2	5	2	2
Other countries.....	26	31	22	2	18	18	8	24
Total.....	271	158	140	116	86	137	59	123
Onions: ²								
Cuba.....	111	71	152	61	155	360	424	301
Other West Indies and Ber-								
muda.....	48	33	39	34	26	28	40	41
Canada.....	192	63	42	37	21	86	90	303
Panama.....	73	44	48	55	46	66	54	65
Philippine Islands.....	22	15	118	143	23	55	34	44
Mexico.....	52	19	16	12	14	18	31	33
Honduras.....	12	12	9	7	4	3	2	2
Other countries.....	95	59	117	27	17	73	59	62
Total.....	605	316	541	376	306	689	734	841
Potatoes: ²								
Cuba.....	590	49	378	208	622	1,171	686	738
Other West Indies and Ber-								
muda.....	105	110	106	66	81	45	35	60
Canada.....	444	167	201	196	164	191	250	303
Panama.....	141	150	148	136	160	186	135	181
Mexico.....	46	12	34	21	42	48	35	73
Philippine Islands.....	10	12	25	39	73	62	32	194
Argentina.....	(⁴)	0	0	0	(⁵)	1	56	385
Other countries.....	212	316	80	53	76	86	66	145
Total.....	1,548	816	973	721	1,218	1,790	1,315	2,079

¹ Preliminary.² Less than 500.³ Includes Austria beginning May 6, 1938.⁴ Bushels of 60 pounds.⁵ Bushels of 57 pounds.

Foreign Agricultural Service. Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1931-32, and official records of the Bureau of Foreign and Domestic Commerce.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
ANIMALS AND ANIMAL PRODUCTS								
Cattle (dutable by weight): ³	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
Less than 700 pounds each:	sands	sands	sands	sands	sands	sands	sands	sands
Canada.....	21	13	2	1	24	75	110	98
Mexico.....	59	78	87	61	157	195	174	201
Other countries.....	1	2	1	1	(⁴)	2	(⁵)	1
700 pounds each or over:								
Canada.....	4	2	1	(⁶)	50	123	118	102
Mexico.....	1	(⁶)	(⁶)	(⁶)	3	26	26	27
Other countries.....	(⁴)	1	1	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Total.....	86	96	92	63	234	421	428	429
Cattle (free of duty):								
Canada.....	4	8	5	5	10	11	11	11
Mexico.....	1	1	(⁶)	(⁶)	1	1	1	(⁶)
Other countries.....	(⁶)	(⁶)	(⁶)	1	(⁶)	(⁶)	(⁶)	(⁶)
Total.....	5	9	5	6	11	12	12	11
Butter:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
Denmark.....	172	210	124	193	2,166	268	154	177
United Kingdom.....	17	38	129	60	3,784	302	500	61
Latvia.....	0	0	0	0	1,887	518	2,825	60
Netherlands.....	0	0	0	0	4,796	749	2,463	245
Other Europe.....	26	34	106	121	1,302	315	4,917	115
Total Europe.....	215	282	359	374	13,935	2,152	10,859	658
New Zealand.....	877	729	547	330	7,183	2,429	1,689	1,270
Canada.....	162	709	64	47	98	74	36	16
Argentina.....	0	2	0	0	1,049	828	1,724	32
Other countries.....	75	116	21	12	128	372	478	561
Total.....	1,329	1,838	991	763	22,393	5,855	14,786	2,537
Cheese, Emmenthaler (Swiss): ⁴								
Switzerland.....	13,571	11,211	10,492	6,005	5,275	5,095	6,543	7,590
Denmark.....	594	661	518	566	587	607	2,160	2,256
Finland.....	529	473	672	850	702	410	1,154	2,107
Germany.....	497	813	420	204	69	82	6	83
Other countries.....	581	410	202	362	101	311	1,073	1,307
Total.....	15,772	13,568	12,304	7,987	6,734	6,505	10,936	13,343
Cheese, other than Swiss:								
Italy.....	29,307	30,296	30,398	26,080	27,260	26,036	28,338	24,458
France.....	3,860	4,333	3,775	3,084	3,406	2,445	3,269	2,661
Netherlands.....	2,334	2,435	2,177	1,709	1,913	2,681	5,459	4,767
Switzerland.....	3,607	1,463	1,516	1,236	1,237	593	60	65
Denmark.....	149	116	436	1,354	1,389	1,883	2,341	2,381
Finland.....	54	75	202	170	468	223	1	(⁶)
Other Europe.....	1,791	2,954	3,298	3,094	3,038	3,476	3,898	3,452
Total Europe.....	41,102	41,672	41,802	36,727	38,911	37,337	43,346	37,784
Canada.....	818	1,366	1,109	1,165	1,165	4,282	10,156	2,964
Other countries.....	280	629	708	1,028	1,636	1,256	1,256	1,399
Total.....	42,200	43,667	43,619	38,920	41,712	42,875	54,758	42,147

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Imports for consumption. Includes cattle ordinarily dutiable.⁴ June 18, 1930-June 30, 1931.⁵ Less than 500.⁶ Beginning Feb. 15, 1936, includes "Gruyere."⁷ Includes Austria beginning May 6, 1938.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
ANIMALS AND ANIMAL PRODUCTS—continued								
Eggs in the shell:	1,000 dozen	1,000 dozen	1,000 dozen	1,000 dozen	1,000 dozen	1,000 dozen	1,000 dozen	1,000 dozen
Hong Kong.....	263	248	206	171	186	208	240	142
China.....	19	20	14	13	13	24	23	81
Canada.....	15	13	6	5	85	8	15	5
Other countries.....	4	1	36	9	100	74	281	32
Total.....	301	282	262	198	384	314	559	260
Eggs and egg products, dried:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Eggs, whole, dried:								
China.....	817	513	19	7	375	399	668	353
Other countries.....	5	29	(³)	(³)	2	38	18	6
Albumen, dried:								
China.....	2,205	1,654	1,424	355	1,128	2,008	2,800	1,739
Other countries.....	14	68	(³)	7	12	5	1	6
Yolks, dried:								
China.....	5,975	1,787	1,595	1,809	3,082	4,345	5,518	2,811
Other countries.....	94	133	(³)	0	34	4	3	6
Total.....	9,110	4,184	3,038	2,178	4,633	6,799	9,008	4,921
Eggs and egg products, frozen or otherwise prepared:								
Eggs, whole, frozen, etc.:								
China.....	111	2	0	81	4	0	25	(³)
Other countries.....	2	(³)	(³)	1	(³)	0	0	1
Albumen, frozen, etc.:								
China.....	2	0	0	0	0	(³)	0	(³)
Other countries.....	(³)	0	0	0	0	0	0	0
Yolks, frozen, etc.:								
China.....	1,015	443	402	307	1,003	665	1,481	887
Other countries.....	37	0	1	1	3	1	18	0
Total.....	1,167	445	403	390	1,010	666	1,524	888
Beef, canned, including corned: ⁴								
Uruguay.....	8,893	13,896	17,497	20,726	41,097	48,667	35,296	28,430
Argentina.....	9,013	7,847	12,834	17,726	27,544	35,788	39,070	41,215
Paraguay.....	1,401	216	689	1,021	172	1,661	1,081	2,900
Other countries.....	507	524	166	70	676	2,076	4,676	11,758
Total.....	19,814	22,483	31,186	39,543	69,489	88,192	80,123	84,303
Silk, raw, in skeins reeled from the cocoon:								
Japan.....	67,369	69,423	67,098	58,806	59,440	55,902	61,391	47,923
China.....	10,432	5,258	3,072	3,087	1,217	4,018	3,145	997
Other countries.....	4,038	3,168	3,254	1,416	333	1,217	2,251	1,971
Total.....	81,779	77,849	73,424	63,300	60,990	61,137	66,787	50,891
Wool, unmanufactured: ⁵								
Free in bond for manufacture in carpets, etc.	95,070	74,570	54,678	120,601	95,322	146,178	188,318	70,583
Dutiable.....	42,675	27,093	12,226	56,392	27,466	101,209	181,413	42,554
Total.....	137,745	101,663	66,904	176,993	122,788	247,387	369,731	113,137

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ General imports 1930-31 and includes a small amount of "meats, canned, other than beef," 1931-32 to 1937-38 are imports for consumption.⁵ Imports for consumption, 1930-31 to 1937-38.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38 ¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
ANIMALS AND ANIMAL PRODUCTS—continued								
Wool, unmanufactured ³ —Con.								
Donskol, Smyrna, etc.:								
Free in bond for manufacture in carpets, etc.:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
China.....	43,915	24,942	44,015	44,015	30,144	30,144	9,663	
Argentina.....	25,883	26,995	32,905	46,376	16,113	16,113	10,664	
British India.....	13,324	13,886	19,092	27,457	2,700	2,700	5,980	
United Kingdom.....	12,428	13,142	22,467	6,368	3,674	3,674	327	
Iraq.....	3,039	2,782	3,520	0,051	3,674	3,674	7	
Egypt.....	3,650	2,570	3,520	0,051	3,674	3,674	327	
Italy.....	3,746	1,511	76	318	327	327	7	
Germany ⁴	3,627	470	834	173	7	7	601	
Ireland.....	2,221	1,214	1,507	1,629	5,114	5,114	5,275	
Syria.....	2,183	1,013	3,358	9,893	5,114	5,114	869	
France.....	1,480	619	1,439	5,352	5,275	5,275	3,433	
Portugal.....	614	910	892	1,124	869	869	6	
New Zealand.....	168	2,259	5,337	16,839	3,433	3,433	6	
Switzerland.....	76	0	30	182	6	6	5,461	
Other countries.....	1,776	1,635	2,734	6,881	5,461	5,461		
Total.....	10 93,268	10 74,006	10 53,861	118,100	93,948	141,612	182,278	69,827
Dutiable:								
China.....				700	287	837	754	178
Argentina.....				2,882	1,847	5,631	6,515	1,182
British India.....				1,323	440	666	1,125	631
United Kingdom.....				2,358	876	3,371	2,890	730
Iraq.....				12	1	0	89	2
Egypt.....				12	12	8	(⁵)	1
Italy.....				20	0	0	0	0
Germany ⁴				40	0	0	11	7
Ireland.....				0	28	42	06	35
Syria.....				0	0	6	0	1
France.....				6	0	271	69	18
Portugal.....				0	0	0	0	0
New Zealand.....				38	0	371	633	530
Switzerland.....				0	0	0	0	0
Other countries.....				347	67	557	670	80
Total.....	10 1,868	10 1,947	10 1,268	7,738	3,558	11,760	12,822	3,395
Other wools not finer than 40's:								
Free in bond for manufacture in carpets, etc.:								
Argentina.....				1,848	684	2,269	2,488	170
United Kingdom.....				325	32	168	313	55
British India.....				196	43	338	196	0
China.....				67	81	92	29	3
New Zealand.....				26	432	1,322	2,336	444
Uruguay.....				0	0	8	143	0
Other countries.....				28	2	271	436	76
Total.....	10 1,789	10 502	10 805	2,490	1,274	4,468	5,935	748
Dutiable:								
Argentina.....				3,425	2,856	8,927	13,416	4,530
United Kingdom.....				1,695	1,053	3,147	2,428	678
British India.....				98	16	222	136	61
China.....				80	65	335	852	149
New Zealand.....				235	87	1,234	4,316	1,679
Uruguay.....				707	567	2,481	1,809	694
Other countries.....				282	364	815	1,715	547
Total.....	10 3,679	10 2,371	10 1,315	6,612	5,008	17,161	24,372	8,338

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.⁵ Imports for consumption 1930-31 to 1937-38.⁶ Not available by countries.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
ANIMALS AND ANIMAL PRODUCTS—continued								
Wool, unmanufactured ³ —Con.								
Hair of the camel:								
Free in bond for manufacture in carpets, etc.:								
China.....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Other countries.....	11	100	34	90	7	1		
Total.....	10 13	10 62	10 12	11	100	98	105	8
Dutiable:								
China.....				26	160	587	570	38
Other countries.....				7	14	0	40	45
Total.....	10 56	10 48	10 91	33	183	587	619	83
Woolen type finer than 40's (clothing):								
Dutiable:								
Australia.....				2,579	1,133	931	1,640	1,355
United Kingdom.....				2,308	580	2,718	2,167	581
Canada.....				653	81	646	1,021	176
New Zealand.....				582	196	988	2,315	1,531
Chile.....				306	495	309	810	284
Argentina.....				259	19	1,096	1,821	952
Uruguay.....				44	99	508	1,200	657
Union of South Africa.....				342	150	350	645	249
Other countries.....				247	18	24	198	122
Total.....	10 5,757	10 5,701	10 1,674	7,320	2,771	7,570	11,517	5,907
Worsted type finer than 40's (combing):								
Dutiable:								
Australia.....				9,282	5,875	22,216	71,499	9,613
United Kingdom.....				6,433	2,056	6,809	6,725	1,363
Canada.....				5,253	1,195	4,946	2,645	591
Uruguay.....				3,846	2,183	13,755	22,290	4,063
New Zealand.....				3,427	2,022	4,465	7,559	3,408
Argentina.....				3,319	1,094	4,175	11,677	2,973
Union of South Africa.....				899	172	2,781	4,081	569
Chile.....				128	172	1,174	545	357
Other countries.....				399	95	305	662	288
Total.....	10 30,792	10 16,854	10 7,573	32,986	14,884	60,626	127,674	23,165
Hair of the Angora goat (mohair), alpaca, etc.:								
Dutiable:								
Turkey (Europe and Asia).....				732	0	6	5	1
Union of South Africa.....				347	16	1,086	904	280
Peru.....				302	607	1,508	3,077	1,181
United Kingdom.....				221	324	700	176	3
China.....				3	25	16	91	3
Other countries.....				98	20	99	156	198
Total.....	10 523	10 172	10 305	1,703	1,082	3,505	4,409	1,666
Sausage casings:								
Argentina.....	3,897	3,373	3,648	4,975	4,311	3,888	4,680	3,991
Canada.....	1,808	2,199	1,938	1,839	1,856	1,984	3,033	2,231
Australia.....	1,638	1,457	1,286	1,450	2,058	1,262	1,651	2,083
New Zealand.....	708	1,087	1,250	2,242	1,752	1,234	1,531	1,308
China.....	918	655	463	713	1,097	1,289	1,881	603
Germany.....	763	850	582	418	167	63	155	10
Uruguay.....	736	497	664	983	976	947	717	477
Chile.....	404	522	386	628	610	389	635	427
Union of Soviet Socialist Republics.....	496	500	650	341	381	686	243	157
Turkey (Asia and Europe).....	353	251	295	445	163	2	164	184
Other countries.....	1,544	1,835	1,725	2,135	2,474	1,634	4,211	2,335
Total.....	13,355	13,226	12,887	16,055	15,851	13,348	18,901	13,806

¹ General imports prior to July 1, 1933. Subsequently imports for consumption.² Preliminary.³ Includes Austria beginning May 6, 1938.⁴ Imports for consumption 1930-31 to 1937-38.⁵ Not available by countries.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38 ¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS								
Cocoa or cacao beans:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
British West Africa.....	151,524	131,720	167,660	191,223	228,069	215,729	345,968	99,502
Brazil.....	75,726	142,284	173,894	130,336	138,150	172,152	181,123	236,497
Dominican Republic.....	37,898	54,412	38,244	49,239	50,269	48,476	32,801	34,652
British West Indies and Bermuda.....	41,805	21,240	27,084	14,640	25,011	22,439	20,065	18,161
Venezuela.....	17,338	13,936	23,451	18,794	13,080	11,784	13,872	9,447
United Kingdom.....	16,429	12,103	1,645	1,917	3,223	15,675	4,396	0
Ecuador.....	13,170	11,920	9,586	11,399	14,870	16,204	11,009	8,987
French Africa.....	12,308	7,282	10,518	21,494	40,337	28,309	40,248	23,572
Panama.....	10,080	13,451	10,769	11,046	8,809	7,555	13,210	7,203
Germany ³	11,506	8,347	725	718	800	847	558	226
Netherlands.....	9,990	4,289	125	861	5,594	6,315	5,444	0
Other countries.....	17,668	13,869	12,720	14,174	10,864	25,472	14,233	8,001
Total.....	415,442	434,853	476,421	465,831	539,076	570,957	682,947	446,248
Coffee:								
Brazil.....	1,196,881	1,158,566	809,530	1,075,417	994,884	1,177,056	963,329	975,445
Colombia.....	330,379	334,105	376,555	354,960	315,638	357,230	396,676	429,698
Central America.....	53,276	31,923	75,246	54,621	103,919	131,000	158,768	161,241
Venezuela.....	60,379	45,849	40,586	30,483	32,038	81,738	63,172	17,255
Other countries.....	87,655	58,398	156,244	82,626	105,548	136,114	178,869	150,498
Total.....	1,728,569	1,628,841	1,458,161	1,598,107	1,552,027	1,853,138	1,760,814	1,734,137
Fibers:								
Cotton, raw: ¹¹	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
Egypt.....	21,688	66,313	52,640	101,952	78,393	67,641	80,528	44,668
China.....	31,135	9,092	50,595	21,583	3,604	25,487	49,145	20,315
British India.....	34,577	21,865	3,833	27,167	24,973	49,010	94,997	47,280
Mexico.....	14,238	21,921	223	1,536	6,612	3,542	28,632	30,529
Peru.....	1,623	3,767	4,889	1,736	919	1,475	1,716	867
Other countries.....	3,837	15,746	20,406	3,351	1,834	564	11,049	16,337
Total.....	107,098	138,694	132,586	167,325	116,335	147,719	266,087	159,966
Flax, unmanufactured: ¹²	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Latvia.....	1,926	1,836	18	14	30	0	0	0
United Kingdom.....	383	487	415	952	1,320	1,323	1,200	877
Union of Soviet Socialist Republics.....	155	62	2,047	2,521	1,068	2,241	2,145	82
Belgium.....	536	157	217	1,583	746	1,881	1,623	940
Netherlands.....	154	67	12	92	106	216	318	207
Other Europe.....	275	1,077	184	354	377	172	1,912	39
Total Europe.....	3,429	3,686	2,893	5,516	3,647	5,833	6,598	2,145
Canada.....	137	233	194	173	18	115	248	162
Other countries.....	32	0	0	0	0	1	45	0
Total.....	3,598	3,919	3,087	5,689	3,665	5,949	6,891	2,307
Manilla fiber: ¹³								
Philippine Islands.....	42,569	26,532	24,870	42,387	39,534	47,444	39,575	29,765
Other countries.....	635	202	301	434	251	1,021	629	906
Total.....	43,204	26,734	25,171	42,821	39,785	48,465	40,204	30,671
Sisal and henequen: ¹³								
Mexico.....	38,463	71,428	105,353	65,470	38,810	86,667	55,828	61,033
Netherlands India.....	24,754	14,915	38,137	36,888	17,547	36,146	30,345	30,111
Cuba.....	4,181	2,065	3,933	2,467	3,380	4,294	6,249	5,443
United Kingdom.....	7,264	7,922	55	82	377	558	288	0
British East Africa.....	3,422	2,432	14,803	8,430	7,030	14,407	16,053	18,577
Netherlands.....	2,595	5,219	0	0	150	525	250	0
Other countries.....	3,253	4,811	3,685	5,574	6,839	8,812	10,320	7,893
Total.....	83,932	108,792	165,966	115,911	74,133	151,409	119,335	123,087

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Includes Austria beginning May 6, 1938.¹¹ Bales of 478 pounds net. Excludes linters.¹² Tons of 2,240 pounds.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Fruits:								
Fresh:								
Avocados:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Cuba.....	9,544	10,190	8,681	5,263	5,622	7,530	9,084	11,377
Other countries.....	2	4	0	(³)	(³)	(³)	34	6
Total.....	9,546	10,194	8,681	5,263	5,622	7,530	9,118	11,383
Bananas:	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches
Central America.....	36,818	33,698	31,636	28,938	29,902	29,344	32,202	33,304
Jamaica.....	11,010	7,905	2,368	264	1,528	432	68	62
Mexico.....	5,520	4,957	5,644	7,705	9,255	14,696	16,291	17,123
Cuba.....	3,562	3,163	2,668	3,814	6,036	4,532	8,689	6,265
Colombia.....	906	1,970	2,714	1,752	3,202	3,868	4,350	4,062
Other countries.....	22	92	84	623	2,064	1,902	2,363	2,659
Total.....	57,841	51,785	45,114	43,096	51,987	54,684	63,963	63,475
Cherries, natural, sulphured, or in brine:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Italy.....	7,528	4,446	871	749	511	751	362	1,316
Canada.....	60	31	19	30	376	77	104	11
France.....	85	351	2	0	0	0	0	3
Yugoslavia ¹¹	253	1,106	788	901	575	710	470	470
Other countries.....	0	0	22	4	30	6	26	31
Total.....	7,926	5,943	1,702	1,684	1,492	1,544	902	1,831
Grapes:	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
Argentina.....	210	219	212	281	245	326	328	295
Belgium.....	23	17	13	9	2	9	9	6
Chile.....	3	14	36	35	11	38	52	39
Other countries.....	1	0	1	1	(³)	7	5	53
Total.....	237	250	262	326	268	380	394	393
Lemons:¹⁴	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Italy.....	342	159	146	47	8	80	27	60
Other Europe.....	8	17	(³)	0	0	1	0	0
Total Europe.....	350	176	146	47	8	81	27	60
Other countries.....	0	(³)	(³)	(³)	(³)	(³)	2	1
Total.....	350	176	146	47	8	81	29	61
Olives, in brine:	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Spain.....	6,649	6,003	3,984	5,085	6,047	6,093	6,037	4,624
Greece.....	625	666	586	566	549	266	361	643
Other Europe.....	144	367	92	147	185	64	74	159
Total Europe.....	7,418	7,036	4,662	5,798	6,781	6,423	6,472	5,426
Other countries.....	11	21	13	8	40	10	21	18
Total.....	7,429	7,057	4,675	5,806	6,821	6,442	6,493	5,444
Dried:								
Cherries, dried or prepared:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
France.....	188	146	96	63	25	25	26	56
Italy.....	512	(³)	3	3	0	0	1	1
Other countries.....	¹⁵ 610	2	(³)	1	1	1	1	1
Total.....	1,280	148	99	67	26	26	28	58

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.¹⁴ Includes Albania prior to Jan. 1, 1932.¹⁵ Boxes of 74 pounds net.¹⁶ Yugoslavia.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38 ¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Fruits—Continued.								
Dried—Continued.								
Currents:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Greece.....	8,594	6,652	6,543	5,951	6,679	6,203	5,940	4,659
Other Europe.....	0	0	0	0	25	0	75	165
Total Europe.....	8,594	6,652	6,543	5,951	6,704	6,203	6,015	4,824
Other countries.....	16	11	62	40	120	11	100	100
Total.....	8,610	6,663	6,605	5,991	6,824	6,214	6,115	4,924
Dates:								
Iraq.....	34,418	33,492	30,504	22,783	42,642	44,949	49,051	47,328
United Kingdom.....	5,544	6,652	16,368	6,819	5,645	8,038	2,629	372
Saudi Arabia.....	960	153	284	10,647	2,908	345	5,089	2,167
Other countries.....	1,476	3,604	666	2,030	2,586	725	1,368	1,776
Total.....	42,428	43,901	47,822	42,288	53,781	51,057	58,137	51,643
Figs:								
Turkey (Asia and Europe).....	9,998	6,249	4,299	4,862	3,050	3,521	3,022	1,927
Greece.....	2,933	1,181	969	963	1,517	2,036	1,961	2,830
Italy.....	1,018	790	709	796	948	604	1,523	1,046
Portugal.....	843	397	30	121	70	116	91	61
Other countries.....	33	88	31	57	70	104	8	27
Total.....	14,825	8,605	6,038	6,790	5,655	6,381	6,605	5,891
Grains and grain products:								
Barley, grain:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	991	10	1	3	9,499	642	16,061	1,289
Germany ³	8	7	0	4	1	0	0	0
Other countries.....	1	1	(⁴)	23	1,475	5	1,090	1
Total.....	1,000	18	1	30	10,978	648	17,151	1,290
Barley malt:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	22,369	34,551	50,515	129,936	84,851	82,731	65,692	46,056
Belgium.....	0	0	0	1,323	74,463	77,630	191,467	55,015
Czechoslovakia.....	657	131	1,209	9,835	21,290	19,127	52,486	31,435
Germany ³	347	492	334	8,543	11,163	5,081	1,733	1,045
Hungary.....	(⁵)	0	0	8,954	35,682	36,570	45,868	19,792
Poland and Danzig.....	0	3	0	1,194	26,605	37,783	58,596	11,054
Mexico.....	0	0	0	3,354	2,169	3,972	2,160	100
Other countries.....	34	0	341	6,056	15,095	7,495	16,072	5,947
Total.....	23,407	35,177	52,399	169,195	271,318	270,389	434,074	170,444
Corn, grain:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Argentina.....	1,282	142	113	99	12,075	26,916	69,402	30,380
Canada.....	(⁵)	(⁵)	0	(⁵)	1,038	3,607	6,377	26
Dominican Republic.....	322	93	49	98	207	192	530	360
Mexico.....	0	0	0	11	5,673	115	185	(⁵)
Other countries.....	142	151	33	36	1,434	454	1,480	3,674
Total.....	1,746	386	195	244	20,427	31,264	77,974	34,440
Oats, grain:								
Canada.....	638	65	15	131	1,635	66	65	4
Argentina.....	0	0	0	0	13,424	30	8	0
Other countries.....	(⁵)	0	(⁵)	12	555	2	83	7
Total.....	638	65	15	143	15,614	98	156	11

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Grains and grain products—Continued.								
Rice, cleaned, excluding patta:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Hong Kong.....	15,878	11,011	8,777	7,639	7,594	5,128	6,388	1,051
Mexico.....	2,700	1,608	5,009	1,613	524	494	(³)	0
Italy.....	1,391	1,072	970	846	1,066	676	993	799
Netherlands.....	2,419	1,233	292	1	52	168	100	102
British India.....	1,059	724	1,022	349	1,109	1,132	1,143	1,381
Germany ⁴	2,367	468	84	155	381	173	89	14
China.....	76	13	323	805	1,883	1,051	1,338	3,426
Japan.....	321	221	196	199	465	309	3,928	295
Philippine Islands.....	262	2	10	2,831	16,179	1,026	4,210	630
Siam.....	0	0	0	5	131	66	70	54
Other countries.....	415	807	910	756	146	1,365	1,067	233
Total.....	26,828	17,159	17,593	15,199	29,530	11,587	19,216	7,987
Rice, patta:								
Netherlands.....	2,051	1,035	510	998	1,928	1,789	545	1,006
British India.....	0	10	321	300	1,286	3,020	5,201	2,158
Other countries.....	65	42	15	167	38	89	38	3
Total.....	2,116	1,087	846	1,465	3,252	4,898	5,784	3,167
Rice, uncleaned:								
Japan.....	5,011	1,468	1,505	2,237	2,959	3,297	10,309	4,816
Mexico.....	0	0	71	0	2,475	0	123	0
British India.....	419	55	20	825	923	224	228	806
British Guiana.....	656	106	0	20	3	101	253	276
Philippine Islands.....	50	0	(⁵)	231	127	12	153	1
Other countries.....	76	55	4	4	10	20	19	16
Total.....	6,212	1,684	1,600	3,317	6,497	3,654	11,085	5,915
Rice flour, meal, bran, etc.: ¹⁴								
Netherlands.....	0	0	660	10,472	17,466	3,902	1,130	861
Hong Kong.....	60	123	86	88	101	85	186	62
Japan.....	426	352	408	418	472	333	358	372
China.....	24	36	26	38	45	41	29	66
Germany ⁴	(⁵)	(⁵)	344	3,083	11,565	3,120	480	0
British India.....	0	0	67	1,304	468	120	50	5
Mexico.....	0	0	0	2,755	88	0	0	0
Siam.....	0	0	0	1,592	8,829	0	0	0
Belgium.....	0	0	0	64	0	5	0	0
Other countries.....	93	45	48	2,308	3,130	400	418	267
Total.....	603	556	1,639	22,123	42,134	8,006	2,651	1,633
Rice, broken: ¹⁵								
Netherlands.....						¹⁶ 20,553	88,491	51,371
Belgium.....						¹⁷ 222	22,895	26,735
Hong Kong.....						¹⁸ 3,683	7,648	685
Japan.....						¹⁹ 0	1,305	1
China.....						²⁰ 0	2,472	1,364
Germany ⁴						²¹ 2,700	5,617	2,400
British India.....						²² 0	1,329	300
Mexico.....						²³ 1,951	981	132
Siam.....						²⁴ 168	870	1,321
Other countries.....						²⁵ 1,045	11,514	3,329
Total.....						²⁶ 30,322	143,122	87,638

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.⁵ Includes broken rice prior to Feb. 1, 1936.⁶ Includes with "Rice flour, meal, bran, etc." prior to Feb. 1, 1936.⁷ Feb. 1-June 30.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Grains and grain products—Continued.								
Rye, grain:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Poland and Danzig.....	0	0	0	5,260	7,896	1,381	12	0
Canada.....	88	(³)	0	3,533	743	237	2,547	0
Argentina.....	0	0	0	1,438	834	586	103	0
Other countries.....	0	0	(⁴)	1,718	1,757	21	1,280	(⁵)
Total.....	88	(³)	1	11,949	11,230	2,245	3,942	(⁵)
Wheat, grain: ⁶								
Dutiable, 42 cents per bushel:								
Canada.....	41	6	6	135	5,896	25,288	109	598
Other countries.....	(⁵)	(⁷)	(⁸)	8	10	1	97	(⁹)
Dutiable, 10 percent ad valorem: ¹⁰								
Canada.....	296	0	1	6	8,128	9,163	4,040	4
Other countries.....	11	0	0	0	18	42	17	0
For grinding in bond and export:								
To Cuba:								
Canada.....	3	2,037	2,744	3,025	3,772	4,117	4,005	1,141
Other countries.....	0	0	0	0	0	6	0	0
To other countries:								
Canada.....	19,010	10,842	6,628	8,316	7,291	7,765	9,463	1,678
Other countries.....	0	0	0	0	1	90	0	0
Total.....	19,361	12,885	9,379	11,490	25,116	46,472	47,731	3,421
Wheat flour:	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Canada.....	630	145	560	770	3,696	34,910	40,716	29,469
United Kingdom.....	363	43	44	(¹¹)	34	30	20	9
Other countries.....	169	84	77	56	110	403	244	262
Total.....	1,162	272	681	826	3,840	35,343	40,980	29,740
Bran, shorts, etc., of wheat: ¹²	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Canada.....	261,618	149,248	110,380	142,851	227,227	206,444	314,546	49,692
Argentina.....	116,731	2,682	588	14,470	29,962	18,239	31,628	3,317
Mexico.....	2,269	4,982	1,695	6,143	24,371	12,578	22,379	6,084
Other countries.....	19,958	1,691	49	11,150	39,977	35,746	61,861	2,695
Total.....	400,576	158,543	112,712	174,614	321,567	273,007	430,414	61,788
Oil cake and oil-cake meal: ¹³								
Coconut or copra:								
Philippine Islands.....	12,424	3,808	4,004	20,174	45,324	57,284	56,934	50,675
Japan.....	1,712	1,050	1,312	100	1,351	33	436	0
Other countries.....	0	0	0	0	61	0	442	4
Total.....	14,136	4,858	5,316	20,274	46,736	57,317	57,812	50,679
Soybean:								
Kwantung.....	16,040	19,468	16,701	23,706	61,279	15,283	43,016	11,341
Japan.....	2,929	2,254	2,336	2,972	4,417	2,335	3,517	2,495
China.....	300	0	410	1,020	3,843	659	701	10,519
Germany.....	464	2	7	4	1	0	0	0
Other countries.....	3,949	336	475	100	0	0	1,249	0
Total.....	23,682	22,060	19,929	27,862	69,540	18,277	48,483	24,355

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.⁵ Imports for consumption 1930-31 to 1937-38.⁶ Tons of 2,240 pounds.⁷ Includes 731,000 bushels from Netherlands and 522,000 bushels from Hungary.⁸ Includes 1,728,000 bushels from Latvia.⁹ Unfit for human consumption.¹⁰ Less than 1/4 barrel.¹¹ Tons of 2,000 pounds.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Nuts:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Almonds, shelled:								
Spain.....	6,432	4,830	3,386	2,600	2,201	6,129	3,924	786
Italy.....	6,348	3,287	1,321	632	615	3,697	6,703	2,116
France.....	223	163	53	101	50	69	418	113
Other Europe.....	61	5	1	6	1	(³)	196	22
Total Europe.....	13,064	8,285	4,761	3,339	2,867	9,895	11,241	3,037
Other countries.....	177	51	102	71	119	42	29	36
Total.....	13,241	8,336	4,863	3,410	2,986	9,937	11,270	3,073
Almonds, not shelled:								
Spain.....	3	1	141	0	1	2,476	284	0
Italy.....	18	7	1	5	2	1	117	1
France.....	54	0	0	0	0	135	170	0
Other Europe.....	0	0	(⁴)	0	1	118	0	(⁵)
Total Europe.....	75	8	142	5	4	2,730	571	1
Other countries.....	3	1	2	1	(⁶)	1	(⁷)	1
Total.....	78	9	144	6	4	2,731	571	2
Brazil nuts, shelled:								
Brazil.....	2,529	6,540	4,856	6,719	7,733	10,138	8,721	6,267
United Kingdom.....	645	978	415	129	37	0	13	0
Other countries.....	0	0	25	172	223	11	2	258
Total.....	3,174	7,518	5,296	7,020	7,993	10,149	8,736	6,525
Brazil nuts, not shelled:								
Brazil.....	20,684	15,736	16,521	16,347	13,754	22,232	18,707	12,697
United Kingdom.....	2,022	740	941	446	3,112	1,183	983	0
Other countries.....	24	10	0	0	54	0	0	0
Total.....	22,730	16,486	17,462	16,793	16,920	23,385	19,690	12,697
Cashew nuts:								
British India.....	7,178	12,948	7,057	13,741	17,672	20,937	25,501	26,054
Haiti, Republic of.....	110	43	3	32	110	53	64	22
Other countries.....	149	175	91	296	163	176	156	41
Total.....	7,437	13,166	7,151	14,069	17,945	21,166	25,721	26,117
Chestnuts, including mar- rons, crude, dried or baked:								
Italy.....	16,338	13,381	12,630	8,317	12,920	13,002	16,957	19,162
Portugal.....	809	2,266	1,452	2,794	945	1,438	739	2,541
Spain.....	260	1,914	1,407	692	107	77	0	0
Japan.....	518	448	534	848	649	494	425	505
France.....	280	245	57	10	155	13	12	0
Hong Kong.....	8	9	9	12	9	4	8	2
Cuba.....	0	0	0	0	0	14	0	0
Other countries.....	415	200	18	7	59	58	8	3
Total.....	18,628	18,463	16,107	12,690	14,844	16,000	18,149	22,213
Filberts, shelled:								
Italy.....	345	335	312	193	411	488	1,065	399
France.....	334	91	52	27	42	7	202	286
Spain.....	37	428	240	357	468	577	331	192
Germany.....	334	0	0	0	0	0	0	0
Other Europe.....	118	74	16	1	32	12	0	6
Total Europe.....	1,168	928	620	578	953	1,084	1,598	883
Turkey (Asia and Europe).....	3,417	1,422	2,686	1,448	1,141	956	827	1,077
Other countries.....	11	0	0	0	0	0	0	0
Total.....	4,596	2,350	3,306	2,026	2,094	2,040	2,425	1,960

¹ General imports prior to July 1, 1933. Subsequently imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38 ¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38
VEGETABLE PRODUCTS—CON.								
Nuts—Continued.								
Filberts, not shelled:								
Italy.....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Italy.....	3,987	6,293	5,717	1,637	2,369	2,645	4,194	170
Spain.....	423	73	83	583	48	747	19	15
Other Europe.....	229	11	0	91	8	33	0	21
Total Europe.....	4,639	6,377	5,800	2,311	2,425	3,425	4,213	206
Turkey (Asia and Europe).....	820	0	0	240	13	32	0	0
Other countries.....	200	0	0	0	0	(¹)	0	0
Total.....	5,659	6,377	5,800	2,551	2,438	3,457	4,213	206
Peanuts, shelled:								
China.....	4,989	341	1	5	6	6	6	9
Philippine Islands.....	1,075	382	0	241	1	1	887	1,668
Kwantung.....	394	25	0	0	0	0	0	0
Japan.....	2	1	100	1	(¹)	1	20	2
Hong Kong.....	22	20	8	12	15	35	12	14
Other countries.....	23	1	0	1	(¹)	(¹)	0	¹ 2,472
Total.....	6,505	770	109	260	22	43	925	4,165
Peanuts, not shelled:								
China.....	3,483	724	24	12	112	3	72	38
Japan.....	343	156	96	118	133	137	214	237
Hong Kong.....	126	188	75	79	48	39	107	74
Kwantung.....	255	80	0	0	0	70	0	0
Philippine Islands.....	(²)	(²)	(²)	(²)	(²)	(²)	263	251
Other countries.....	76	1	0	1	40	1	3	4
Total.....	4,283	1,149	195	210	333	250	659	604
Pistachio nuts:								
Syria.....	755	352	1,516	1,200	1,543	2,179	848	1,435
Italy.....	104	738	232	145	67	66	67	254
British India.....	77	85	0	33	331	927	2,120	813
Iran (Persia).....	167	570	419	132	216	314	78	542
Other countries.....	34	159	240	49	60	52	94	211
Total.....	1,137	1,904	2,407	1,559	2,217	3,538	3,207	3,255
Walnuts, shelled:								
France.....	4,679	5,094	2,729	1,595	1,023	809	605	783
Other Europe.....	2,090	1,245	847	386	201	208	325	545
Total Europe.....	6,769	6,339	3,576	1,981	1,224	1,017	930	1,328
China.....	8,216	4,129	1,768	2,969	3,336	2,329	3,428	2,991
Turkey (Asia and Europe).....	1,005	92	321	478	885	716	248	122
Other countries.....	336	171	113	119	187	98	343	194
Total.....	16,326	10,731	5,778	5,547	5,632	4,160	4,949	4,635
Walnuts, not shelled:								
Italy.....	2,356	4,099	1,802	71	27	315	62	177
France.....	477	1,201	80	39	0	0	1	63
Other Europe.....	90	68	2	6	(¹)	(¹)	(¹)	13
Total Europe.....	2,932	5,368	1,884	116	27	315	63	253
China.....	504	81	42	(¹)	0	0	0	0
Other countries.....	116	53	409	205	3	0	10	1
Total.....	3,552	5,502	2,335	321	30	315	73	254

¹ General imports prior to July 1, 1933. Subsequently imports for consumption.² Preliminary.³ Less than 500.⁴ British India.⁵ Included with "Peanuts, shelled."

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Oilseeds and oils:								
Oilseeds:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Copra, not prepared:								
Philippine Islands.....	311,781	229,346	244,246	499,057	311,047	455,086	362,938	529,248
Netherlands India.....	76,495	88,309	108,683	100,311	9,356	0	15,601	1,853
British Malaya.....	57,619	64,660	34,590	37,966	1,946	0	4,552	0
British Oceania.....	48,774	25,861	26,082	12,429	4,264	7,892	17,926	20,899
French Oceania.....	21,482	12,791	16,166	2,716	0	0	3,475	0
Australia.....	33,077	18,036	0	4	150	0	(³)	0
New Zealand.....	13,838	5,475	0	0	0	586	603	4,964
Other countries.....	5,331	6,203	5,054	690	506	688	684	667
Total.....	565,397	445,741	494,821	653,182	327,269	464,252	405,784	566,651
Flaxseed:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Argentina.....	6,102	13,342	5,495	12,736	12,146	13,657	24,177	17,312
Canada.....	1,490	506	718	176	154	72	786	87
Uruguay.....	221	0	0	503	315	0	0	251
British India.....	0	2	0	4,311	2,233	1,219	969	210
Other countries.....	(⁴)	0	(⁵)	175	484	440	164	1
Total.....	7,813	13,850	6,213	17,901	15,332	15,388	26,096	17,861
Rapeseed:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Argentina.....	32	166	245	1,648	15,622	3,323	3,369	313
Japan.....	2,429	1,185	4,459	4,345	7,849	7,716	1,297	4,419
British India.....	228	237	289	3,919	2,770	9,740	450	339
Belgium.....	420	661	1,220	1,155	633	1,110	389	160
Germany.....	2,395	2,303	1,809	955	638	623	209	276
Netherlands.....	2,660	2,489	861	723	308	463	3,276	1,123
Other countries.....	680	702	819	500	270	1,348	4,725	738
Total.....	8,844	7,763	9,732	13,254	28,390	24,322	13,695	7,368
Sesame seed: ⁶								
China.....	129,954	49,119	23,104	25,409	138,902	113,496	16,834	2,431
Hong Kong.....	59	74	209	760	1,542	2,481	1,510	803
Kwantung.....	0	0	0	4,722	3,439	1,152	0	22
Japan.....	117	65	66	52	1,350	768	3,547	67
British India.....	0	10,580	402	96	404	155	1,688	496
Other countries.....	35	2,532	935	205	771	31	145	253
Total.....	130,165	62,379	24,716	31,244	146,408	118,083	23,724	4,072
Oils:								
Carnauba wax:								
Brazil.....	8,528	5,618	5,705	10,686	9,038	11,172	13,725	12,271
Other countries.....	57	1	0	0	0	305	8	31
Total.....	8,585	5,619	5,705	10,686	9,038	11,477	13,733	12,302
Coconut oil, product of Philippine Islands.....	315,942	297,083	260,700	353,105	300,749	349,681	318,545	344,738
Olive oil, edible:								
Italy.....	45,661	47,116	45,841	32,926	33,365	28,578	27,023	32,019
Spain.....	23,675	27,823	21,712	21,379	25,775	35,148	24,157	6,523
France.....	2,335	2,395	1,920	2,350	2,309	2,914	4,608	8,753
Other Europe.....	542	204	1,559	610	776	581	1,747	3,791
Total Europe.....	72,213	77,538	71,029	57,265	62,225	67,221	55,535	51,086
Other countries.....	1,581	1,151	1,336	168	337	1,024	2,150	7,579
Total.....	73,794	78,689	72,365	57,433	62,562	68,245	57,685	58,665

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.⁵ Includes perilla seed prior to Jan. 1, 1931.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Oilseeds and oils—Con.								
Oils—Continued								
Olive oil, inedible:								
Italy.....	27,364	28,831	19,096	17,863	8,675	1,006	11,920	2,699
Spain.....	13,987	20,352	10,847	9,173	8,064	16,631	6,233	98
Greece.....	2,579	3,030	11,329	8,039	14,439	8,471	5,453	4,628
Portugal.....	1,038	1,445	1,625	1,122	2,398	653	3,667	2,935
Other Europe.....	28	741	50	3	1	0	353	245
Total.....	44,993	54,399	42,947	36,200	33,577	21,361	27,635	10,505
Algeria and Tunisia.....	6,753	4,110	9,527	10,315	18,250	15,172	11,303	5,991
Other countries.....	666	359	319	0	764	9	44	819
Total.....	52,412	58,868	52,793	46,515	52,591	36,542	38,982	17,015
Palm oil:								
Netherlands India.....	84,429	91,516	145,694	137,061	135,221	212,255	252,061	304,485
British West Africa.....	151,726	83,305	63,840	40,336	17,115	46,142	55,253	25,194
Belgian Congo.....	54,882	32,769	38,229	45,674	33,488	52,206	29,792	37,413
British Malaya.....	3,950	1,699	2,034	7,144	0	4,746	5,106	3,167
Other countries.....	18,953	11,866	3,841	18,241	7,588	11,370	12,534	2,963
Total.....	313,940	221,155	253,638	248,456	193,412	326,719	354,748	373,222
Peanut oil:								
Netherlands.....	200	204	80	89	35,117	18,601	23,740	11,513
China.....	19,313	6,356	15	24	20,560	43,969	16,958	7,434
Hong Kong.....	1,575	1,462	1,114	1,104	1,258	1,354	1,481	1,055
Japan.....	19	4	0	(³)	44	689	1	7
Germany.....	0	1,279	0	0	1,344	0	0	0
Other countries.....	56	15	(⁴)	1	1,605	1,436	2,890	1,294
Total.....	21,163	9,320	1,209	1,218	59,928	66,049	45,088	21,303
Perilla oil:								
Japan.....	5,138	3,738	13,433	23,718	25,379	71,216	32,801	21,976
Kwantung.....	4,511	8,698	6,586	9,120	16,564	42,550	19,201	13,051
Other countries.....	3	0	1,354	60	59	0	2,808	5,998
Total.....	9,652	12,436	21,373	32,898	42,002	113,766	54,870	41,025
Rapeseed (coila) oil:								
United Kingdom.....	23	144	193	26	83	471	278	4
Japan.....	1,891	993	823	1,707	4,539	8,683	2,982	934
Netherlands.....	14	13	8	5	6	660	124	1
Other countries.....	2	2	(⁵)	0	137	94	(⁶)	0
Total.....	1,930	1,152	1,024	1,738	4,765	9,908	3,384	939
Soybean oil:								
Kwantung.....	5,769	2,358	0	2,466	7,506	6,365	8,419	6,469
China.....	0	723	0	0	299	130	1	651
Japan.....	1	(⁷)	0	45	142	743	315	1,557
Netherlands.....	0	0	0	1	1,347	3,195	9,626	3,337
Other countries.....	145	4	1	0	2,050	851	3,876	123
Total.....	5,915	3,085	1	2,512	11,344	11,284	22,237	12,137
Tung oil:								
China.....	95,927	74,995	81,779	110,364	105,511	136,221	138,686	118,609
Hong Kong.....	3,475	6,171	2,029	11,747	6,690	11,673	8,450	10,604
Other countries.....	0	180	60	6	171	1,999	374	138
Total.....	99,402	81,346	83,868	122,117	112,372	149,893	147,510	129,351

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—con.								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Pepper, unground:								
Netherlands India.....	19,351	23,431	25,223	36,605	25,838	37,234	75,366	25,729
British India.....	6,995	4,754	2,517	3,852	1,665	653	1,146	793
United Kingdom.....	1,499	1,554	365	323	2,285	1,665	460	62
British Malaya.....	1,409	2,770	1,197	2,045	1,704	719	1,027	366
French Indochina.....	1,964	538	0	337	941	133	755	2,089
Other countries.....	81	141	168	168	92	663	474	1
Total.....	31,299	33,188	29,470	43,330	32,525	41,067	79,228	29,040
Sugar, raw, cane: ³	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Cuba.....	2,404,979	2,350,218	1,691,625	1,289,177	2,735,499	2,321,649	1,885,093	1,624,695
Philippine Islands.....	859,467	874,374	1,225,019	1,458,565	589,024	863,623	949,964	1,070,318
Other countries.....	22,775	37,650	34,051	70,887	42,416	51,898	128,016	118,437
Total.....	3,287,221	3,262,242	2,950,695	2,818,619	3,366,939	3,237,170	2,963,073	2,813,450
Tea:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Japan.....	21,416	22,927	24,209	24,790	22,480	20,936	23,317	22,887
United Kingdom.....	23,310	23,340	17,809	18,274	15,532	16,518	14,852	4,522
Ceylon.....	16,895	16,855	16,100	12,692	12,094	13,995	17,345	20,025
British India.....	10,612	9,886	12,033	8,686	9,246	7,514	9,389	10,226
China.....	6,704	7,320	6,490	7,430	7,922	5,488	6,625	7,071
Netherlands India.....	5,184	6,637	14,848	12,904	14,052	17,443	19,308	20,240
Other countries.....	3,027	3,485	3,319	2,906	2,246	2,022	1,438	867
Total.....	87,148	90,459	94,808	87,691	83,572	83,916	92,271	85,838
Tobacco, leaf, unmanufactured: ⁴								
Leaf for cigar wrappers:								
Netherlands.....	2,988	3,365	2,222	2,070	1,911	1,750	2,695	1,518
Cuba.....	51	51	104	142	110	139	211	183
Other countries.....	(⁵)	1	2	1	0	(⁵)	(⁵)	0
Total.....	3,039	3,417	2,328	2,213	2,021	1,890	2,906	1,701
Cigar leaf filler (stemmed and unstemmed):								
Cuba.....	18,299	13,048	9,230	11,371	10,656	14,519	10,867	10,086
Other countries.....	61	5	1	1	(⁵)	1	2	0
Total.....	18,360	13,053	9,231	11,372	10,656	14,520	10,869	10,086
Cigarette leaf:								
Greece.....	18,913	19,467	13,838	14,706	17,959	19,006	20,233	18,628
Turkey (Asia and Europe).....	12,974	13,293	17,769	12,788	12,425	15,982	19,799	20,509
Italy.....	12,224	13,931	8,178	6,983	5,882	5,985	4,577	753
Germany ⁷	71	175	88	53	28	162	300	664
Netherlands.....	0	0	64	33	739	391	51	37
Other countries.....	123	724	1,621	995	1,605	2,012	2,075	4,236
Total.....	44,305	47,590	41,558	35,558	38,635	43,538	47,035	44,827
Vegetables:								
Eggplant:								
Cuba.....	4,653	3,681	1,917	3,622	4,818	7,941	5,677	6,643
Mexico.....	617	271	210	132	344	292	512	491
Other countries.....	3	0	(⁵)	1	2	2	3	0
Total.....	5,273	3,952	2,127	3,755	5,164	8,235	6,192	7,134
Onions: ⁸	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Spain.....	177	152	16	7	6	8	1	0
Chile.....	10	234	5	41	74	11	26	35
Italy.....	24	26	37	28	29	47	51	25
Egypt.....	0	125	11	0	49	1	2	1
Canada.....	2	89	2	1	41	1	7	(⁹)
Netherlands.....	0	3	0	(⁵)	1	(⁵)	(⁵)	(⁵)
Other countries.....	1	36	2	3	52	4	17	7
Total.....	214	665	73	80	262	72	101	68

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.⁴ Includes Austria beginning May 6, 1938.⁵ Tons of 2,000 pounds.⁶ Unmanufactured tobacco, shown as product of the Philippine Islands in previous years, has been shown by a recent tariff break-down to consist entirely of scrap, which is not included in this table.⁷ Bushels of 57 pounds.

TABLE 604.—Imports of principal agricultural products into the United States, by countries, 1930-31 to 1937-38¹—Continued

Commodity and country from which imported	Year ended June 30							
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38 ²
VEGETABLE PRODUCTS—CON.								
Vegetables—Continued.								
Peas, green or ripe (except cowpeas and chick-peas):	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Mexico.....	18,932	18,031	10,787	4,823	4,132	3,060	6,333	2,488
Canada.....	310	728	193	81	71	0	0	0
Cuba.....	1	2	4	2	2	2	4	14
Other countries.....	4	0	0	0	0	3	11	6
Total.....	19,247	18,761	10,984	4,906	4,205	3,065	6,348	2,508
Peppers, green:								
Mexico.....	5,156	3,787	1,189	716	3,306	4,988	4,796	4,723
Cuba.....	3,021	1,302	172	1,760	4,301	5,768	3,239	3,681
Italy.....	5	56	32	30	46	3	12	0
Other countries.....	10	2	0	1	(³)	22	17	(³)
Total.....	8,192	5,147	1,393	2,507	7,653	10,781	8,054	8,404
Potatoes, white or Irish: ^{2b}								
Certified seed: ^{3b}	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....				518	119	453	938	651
Other potatoes:								
Canada.....	5,616	1,404	366	1,506	358	341	405	3
Cuba.....	67	34	37	3	37	48	24	22
Bermuda.....	38	31	31	29	17	18	12	6
Other countries.....	8	24	6	46	1	4	5	1
Total.....	5,729	1,493	440	2,102	532	864	1,384	683
Tomatoes, fresh:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Mexico.....	82,890	91,633	35,739	17,033	35,165	39,618	54,021	19,663
Cuba.....	26,043	28,263	23,011	28,913	41,638	42,471	42,845	46,032
British West Indies.....	3,571	1,912	220	0	122	27	23	32
Canada.....	867	325	53	75	107	215	132	104
Other countries.....	109	82	5	233	128	173	16	0
Total.....	113,480	122,215	59,028	46,254	77,160	82,504	97,037	65,831
Tomatoes, canned:								
Italy.....	74,981	82,424	72,101	75,736	72,679	64,005	61,177	55,379
Spain.....	(³) 192	22	38	182	2,038	429	206	0
Canada.....	(³)	9,126	87	44	1,554	551	0	0
Other countries.....	(³)	0	(³)	1	15	(³)	38	4
Total.....	75,173	91,572	72,226	75,963	76,286	64,985	61,421	55,383
Rubber, crude:								
Guayule rubber:								
Mexico.....	687	0	0	672	563	1,745	3,973	7,049
Other countries.....	0	0	0	0	0	0	0	0
Total.....	687	0	0	672	563	1,745	3,973	7,049
Other rubber, crude:								
British Malaya.....	733,419	759,029	561,782	907,174	710,497	730,271	794,503	748,562
Netherland India.....	164,690	157,968	138,508	195,955	164,319	177,773	276,563	306,032
Ceylon.....	86,985	79,522	66,490	81,458	59,051	58,085	64,255	56,484
United Kingdom.....	27,970	65,715	1,102	1,616	769	4,144	3,967	532
Other countries.....	19,134	21,408	8,547	14,831	30,754	42,336	54,901	104,563
Total.....	1,032,198	1,083,640	776,429	1,200,934	965,390	1,012,609	1,194,189	1,216,173

¹ General imports prior to July 1, 1933. Subsequently, imports for consumption.² Preliminary.³ Less than 500.^{3b} Bushels of 60 pounds.^{3c} Included with "other potatoes" prior to 1933-34.

Foreign Agricultural Service. Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1931-32; official records of the Bureau of Foreign and Domestic Commerce and of the United States Tariff Commission.

TABLE 605.—Oil cake and oil-cake meal: International trade, averages 1925-34, annual 1936 and 1937¹

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
United States.....	1,394,580	196,587	657,057	81,757	532,865	163,763	849,654	259,384
Union of Soviet Socialist Republics.....	672,830	0	810,963	0	317,409	0	83,576	0
British India.....	584,664	246	646,679	68	698,313	134	767,187	65
Egypt.....	356,706	3	387,572	1,476	445,162	498	514,419	0
France.....	336,094	75,294	392,789	171,336	172,662	136,329	265,958	200,287
China.....	270,571	0	246,932	0	251,277	0	224,212	0
Manchuria.....	(9)	(5)	13,205	0	61,371	0	86,539	0
Italy.....	242,957	603	178,661	4,621	27,636	2,640	196,441	502
Philippine Islands.....	182,214	0	204,563	0	238,687	0	245,672	0
Argentina.....	139,227	0	184,754	0	263,201	0	280,723	0
Netherland India.....	135,473	0	166,348	0	200,262	0	220,844	0
Peru.....	70,465	0	75,380	0	99,286	0	100,966	0
Brazil.....	54,650	0	87,925	0	369,624	0	484,331	0
Canada.....	45,464	15,863	22,818	9,422	14,702	7,675	12,279	11,778
Mexico.....	43,566	0	34,019	0	0	0	0	0
Bulgaria.....	37,520	10	68,266	8	107,332	0	98,960	0
Poland.....	28,545	56,856	42,999	24,154	35,466	4	25,787	2,436
Ceylon.....	25,252	42,690	49,633	31,074	38,990	29,916	67,618	33,119
British Malaya.....	14,301	11,630	24,074	12,825	45,781	10,472	33,658	9,748
Chile.....	7,725	1	9,483	0	37,504	0	41,631	0
Australia ²	6,921	2,404	17,179	271	16,054	4	9,126	10
Latvia.....	4,355	0	3,889	1,137	0	0	0	4,879
Uruguay.....	2,566	0	4,761	0	17,872	0	4,496	0
Estonia.....	1,169	3,694	3,045	692	1,369	2,248	728	10,012
Total.....	4,657,824	405,281	4,332,904	338,841	3,987,785	353,683	4,564,805	532,220
PRINCIPAL IMPORTING COUNTRIES								
Denmark.....	26,788	1,558,619	51,261	1,285,881	46,317	1,476,441	20,880	1,335,154
Germany.....	768,849	1,064,314	247,263	930,388	13,578	125,461	4,870	237,668
United Kingdom.....	167,379	1,001,966	116,683	987,043	42,007	1,156,911	37,056	1,422,324
Netherlands.....	120,322	680,253	110,048	467,677	11,589	258,890	22,934	351,958
Japan.....	45,218	346,986	36,759	298,101	54,358	331,185	78,221	321,416
Belgium.....	83,170	324,675	110,808	512,814	90,016	643,261	117,084	765,719
Sweden.....	12,655	305,454	27,699	312,533	32,312	304,060	18,433	421,517
Finland.....	0	183,687	0	102,864	0	25,103	0	18,187
Ireland.....	0	111,617	0	96,286	0	48,039	0	73,924
Czechoslovakia.....	54,113	76,079	58,630	82,305	46,039	1,206	54,987	6,016
Switzerland.....	13,977	75,127	13,872	53,299	8,161	25,994	6,658	53,351
Norway.....	984	63,263	5,640	54,142	13,401	76,709	8,622	126,221
Austria.....	1,411	31,822	517	50,863	66	60,841	6	87,973
Spain.....	28,199	3,754	3,941	19,184	0	0	0	0
Hungary.....	15,310	16,411	15,096	25,750	2,602	27,188	2,955	34,519
Total.....	1,336,375	5,844,027	798,217	5,279,130	360,446	4,561,289	381,715	5,255,947

¹ Preliminary.² Not shown prior to June 1932; included in data for China.³ 3-year average.⁴ Java and Madura only.⁵ Includes soybean cake and meal which were not separately reported until 1934.⁶ Year ended June 30.

Bureau of Agricultural Economics. Compiled from official sources. "Oil cake and oil-cake meal" includes the edible cake and meal remaining after making oil from such products as cottonseed, flaxseed, peanuts, corn, etc. Soybean cake is not included in this table, except as otherwise noted.

TABLE 606.—Vegetable oils: Exports from the United States, 1909-37

Year beginning July	Corn	Cotton- seed ¹	Linseed	Cocoa butter	Coconut	Peanut	Soybean
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1909.....	11,399	223,955	1,713	.....	.....	.....	.....
1910.....	25,371	225,521	1,314	.....	.....	.....	.....
1911.....	23,866	399,471	1,852	.....	.....	.....	.....
1912.....	19,839	315,233	13,004	.....	.....	.....	.....
1913.....	18,282	192,963	1,794	.....	.....	.....	.....
1914.....	17,790	318,367	9,091	.....	.....	.....	.....
1915.....	8,968	266,512	5,356	.....	.....	.....	.....
1916.....	8,780	158,912	9,012	.....	.....	.....	.....
1917.....	1,831	100,780	8,909	.....	.....	.....	.....
1918.....	1,095	178,709	8,222	.....	.....	.....	.....
1919.....	12,483	159,400	8,523	² 11,048	² 141,088	² 4,922	² 67,782
1920.....	6,919	283,268	4,210	3,171	6,639	1,595	5,118
1921.....	5,280	91,615	2,744	1,856	10,185	1,802	537
1922.....	5,224	64,292	3,105	957	12,993	188	2,495
1923.....	4,196	39,413	2,628	888	19,423	168	2,892
1924.....	3,586	53,261	2,405	1,577	17,890	(³)	579
1925.....	2,927	59,015	2,335	1,766	15,444	.....	623
1926.....	405	57,580	2,738	290	19,826	.....	3,104
1927.....	329	61,470	2,221	1,897	22,358	.....	7,514
1928.....	323	29,531	2,020	1,010	24,556	.....	8,241
1929.....	363	31,998	2,129	347	30,225	.....	5,509
1930.....	915	26,353	1,298	463	19,963	.....	4,410
1931.....	774	40,985	873	321	22,083	.....	3,649
1932.....	901	44,427	781	1,424	25,410	.....	2,209
1933.....	1,562	23,189	696	3,557	21,678	.....	1,676
1934.....	880	5,495	795	4,728	24,406	.....	3,353
1935.....	810	3,571	1,022	2,956	15,924	.....	4,410
1936.....	659	3,315	1,096	1,153	9,490	.....	4,859
1937 ⁴	215	7,806	821	1,960	9,589	.....	6,593

¹ Crude and refined not separately reported 1909 to 1920; from 1921 to date the crude and refined figures have been added without converting.

² Not separately reported prior to July 1919.

³ Included with other vegetable oils and fats, 1924 to date.

⁴ Preliminary.

Bureau of Agricultural Economics. Compiled from Foreign Commerce and Navigation of the United States, 1910-18; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-38.

TABLE 607.—Vegetable oils: Imports into the United States, 1909–37

Year beginning July	Castor ¹	Tung	Cocoa butter	Cocunut	Cotton seed ¹	Linseed	Olive	Palm	Palm kernel	Peanut	Pe-rilla ²	Rape-seed	Soy-bean
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1909.....	59 ³	43,200	3,370	48,346	(⁴)	(⁴)	34,089	92,772	(⁴)	(⁴)	.....	* 8,122	(⁴)
1910.....	57 ³	52,815	4,279	51,118	(⁴)	(⁴)	37,352	57,100	(⁴)	(⁴)	.....	* 10,222	(⁴)
1911.....	56	35,757	6,075	46,371	1,513	5,529	41,044	47,159	25,393	6,717	.....	8,572	28,021
1912.....	42	44,975	3,603	50,504	3,384	1,303	43,803	50,229	23,569	8,968	.....	11,623	12,340
1913.....	1,513	36,993	2,839	74,386	17,293	1,442	52,361	58,040	34,328	10,029	.....	10,982	16,360
1914.....	504	37,052	150	63,135	15,162	4,015	55,230	31,486	4,906	6,397	69	11,240	19,207
1915.....	2,025	37,262	400	66,008	17,181	376	60,820	40,497	6,761	11,063	66	19,209	98,120
1916.....	2,590	51,481	166	79,223	13,703	831	61,381	36,074	1,857	22,696	443	8,137	162,690
1917.....	9,401	36,118	(⁷)	259,195	14,291	381	19,889	27,405	19	62,166	1,016	22,923	336,825
1918.....	3,778	46,625	.....	8,944,728	20,410	7,424	32,983	19,281	1,945	85,445	.....	15,683	236,805
1919.....	2,171	79,602	.....	42,271,540	24,165	34,128	52,716	50,165	54	165,483	.....	9,221	195,774
1920.....	792	33,900	915	173,889	1,315	14,974	35,288	31,076	2,769	18,163	.....	8,789	49,331
1921.....	366	55,572	7,123	230,236	(⁷)	168,705	83,337	39,159	.....	2,878	.....	10,139	8,283
1922.....	1,398	89,392	3,010	212,573	45	56,764	117,262	118,816	.....	7,553	.....	13,274	38,635
1923.....	271	80,898	1,169	181,230	(⁷)	17,840	113,409	86,784	1,126	15,061	.....	16,513	17,631
1924.....	308	94,695	733	250,121	0	23,587	118,071	114,387	37,364	3,510	.....	14,691	20,434
1925.....	494	84,861	14,200	878	283	16,733	137,757	152,254	85,074	3,372	.....	15,658	17,401
1926.....	164	102,428	256	286,776	6,396	1,331	134,729	110,184	14,760	7,959	.....	20,480	23,553
1927.....	954	83,628	18	273,309	1	346	118,093	183,977	56,021	4,859	2,289	19,530	14,562
1928.....	130	115,240	17	377,288	(⁷)	6,677	147,794	228,230	80,514	3,408	5,791	19,071	17,172
1929.....	122	130,942	270	370,600	2	5,416	158,618	237,860	41,380	1,964	9,204	16,137	13,333
1930.....	125	99,402	15	315,942	1	256	126,202	313,940	17,197	21,163	9,652	14,479	5,915
1931.....	764	81,346	12	297,083	0	28	137,556	221,155	9,313	9,320	12,436	8,641	3,085
1932.....	1,130	83,858	13	290,700	0	36	125,159	253,638	6,000	1,209	21,373	7,676	1
1933 ⁸	794	122,117	9	353,105	0	10,680	103,948	248,456	16,384	1,218	32,898	13,035	2,512
1934.....	434	112,372	8	300,759	113,354	3,086	115,153	193,412	32,932	59,928	42,002	35,738	11,344
1935.....	147	149,893	14	348,571	145,910	1,161	104,788	326,719	35,395	65,049	113,766	74,310	11,284
1936.....	825	147,510	24	318,584	201,325	452	96,666	354,748	95,662	* 43,340	54,870	25,380	19,086
1937 ¹⁰	(⁷)	129,351	12	344,755	70,673	243	75,680	373,222	58,721	18,298	41,025	7,045	6,393

¹ Imports for consumption.² Not separately reported prior to 1914; 1914–17 and 1927–28 are imports for consumption; 1918–26 not available; 1928–32 are general imports.³ Includes peanut oil.⁴ Included in all other fixed or expressed⁵ Included in tung oil.⁶ Includes hempseed.⁷ Less than 500 pounds.⁸ Beginning 1933, imports for consumption.⁹ Beginning 1936, excludes imports of free in bond for export.¹⁰ Preliminary.

Bureau of Agricultural Economics. Compiled from Foreign Commerce and Navigation of the United States, 1910–18; Monthly Summary of Foreign Commerce of the United States, June issues, 1919–38.

TABLE 608.—Coconut oil: International trade, averages 1925-34, annual 1936 and 1937¹

Country	Average 1925-29		Average 1930-34		1936		1937 ²	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Philippine Islands.....	308,196	0	322,517	0	351,904	0	360,005	0
Netherlands.....	121,614	9,639	72,347	7,880	33,508	9,964	39,066	28,819
Ceylon.....	78,807	13	116,701	6	77,194	8	149,759	2
Netherland India.....	42,689	10,562	20,827	10,675	13,110	11,377	61,063	(1)
Germany.....	33,181	11,254	11,687	12,703	5,700	5,009	1,811	2,949
France.....	29,116	10,605	14,839	14,856	30,406	12,781	22,372	27,961
Denmark.....	25,414	27,069	49,467	10,613	53,784	8,108	40,350	6,826
British Malaya.....	20,223	58	34,251	948	105,853	1,678	90,738	1,671
Australia ³	398	250	1,493	2	1,034	4	714	4
Total.....	659,638	60,450	644,120	57,683	677,403	48,929	765,878	68,232
PRINCIPAL IMPORTING COUNTRIES								
United States.....	21,691	294,849	23,593	304,619	17,509	322,065	8,909	337,376
United Kingdom.....	7,474	105,560	6,300	64,525	3,532	31,681	706	60,138
Poland.....	⁴ 16	⁴ 37,187	⁴ 123	⁴ 25,125	0	1,094	0	21
Belgium.....	⁴ 5,917	⁴ 34,294	⁴ 4,051	⁴ 12,946	⁴ 1,374	⁴ 785	258	269
Sweden.....	3,365	32,563	3,820	41,984	18,243	40,335	20,209	38,703
British India.....	1,087	12,054	340	43,961	165	86,116	547	52,956
Egypt.....	1	11,470	0	15,740	0	20,813	0	20,748
Finland.....	0	11,298	0	8,473	0	15,903	0	16,478
Italy ⁵	102	8,724	75	4,262	2	1,263	2	2,601
China.....	0	6,619	0	11,022	0	1,722	0	1,300
Switzerland ⁶	146	6,616	20	9,728	11	16,477	4	10,970
Czechoslovakia.....	330	4,874	451	9,888	26	11,583	26	8,492
Rumania.....	1	1,568	1	793	0	7	0	7
New Zealand.....	0	896	0	1,070	0	1,693	0	-----
Canada.....	0	739	0	9,738	0	33,417	0	45,437
Total.....	40,080	569,311	38,774	563,874	40,962	584,864	30,661	595,496

¹ Crude and refined added without converting.² Preliminary.³ Java and Madura only.⁴ International Yearbook of Agricultural Statistics.⁵ Includes similar oils.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 609.—*Copra: International trade, averages 1925-34, annual 1936 and 1937*

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Netherland India.....	851,367	0	935,308	310	1,121,100	424	15,879	7
Philippine Islands.....	409,191	1,017	501,432	625	641,732	1,930	521,484	723
British Malaya.....	386,704	169,135	438,045	211,021	440,012	208,247	450,215	280,889
Ceylon.....	239,555	802	179,201	279	115,973	863	158,702	917
New Guinea ²	115,714	0	137,445	0	149,372	0	171,165	0
Fiji.....	62,601	0	45,692	0	77,464	0	67,202	0
Solomon Islands ³	48,530	0	47,648	0	56,166	0	0	0
Mozambique.....	40,469	0	57,819	422	75,385	0	78,893	0
Zanzibar.....	25,102	0	27,427	0	29,203	0	32,281	0
Tonga.....	32,048	0	23,708	0	26,654	0	27,525	0
Samoa, West.....	30,179	0	24,506	0	29,151	0	29,882	0
Indo-China.....	24,245	0	15,487	0	23,547	0	24,526	0
Siam ⁴	23,151	0	15,073	0	9,359	0	0	0
New Hebrides.....	22,143	0	19,221	0	23,350	0	26,311	0
Tanganyika.....	17,685	0	16,030	0	16,706	0	16,849	0
Trinidad and Tobago.....	16,331	1,193	18,816	1,724	9,437	0	17,277	0
Seychelles.....	10,788	0	10,691	0	11,321	0	12,372	0
Gilbert and Ellice Islands ⁵	10,482	0	14,044	0	12,047	0	11,444	0
Total.....	2,366,285	171,853	2,527,591	213,981	2,867,979	271,470	1,662,007	282,536
PRINCIPAL IMPORTING COUNTRIES								
United States.....	0	469,118	0	513,368	0	363,485	0	537,750
Germany.....	777	442,523	438	340,783	0	464,979	0	461,953
France.....	145	364,155	90	422,083	0	252,342	0	303,362
Netherlands.....	791	308,530	431	154,492	57	108,853	549	102,247
United Kingdom.....	0	124,434	0	197,719	0	275,934	0	177,852
Denmark.....	0	122,840	0	160,644	0	192,898	0	165,343
Spain ⁶	0	113,282	0	113,386	0	0	0	0
Australia ⁷	0	71,419	0	28,432	0	39,132	0	53,175
Italy.....	9	61,352	10	85,999	0	68,209	0	52,633
Czechoslovakia.....	0	46,724	0	58,379	0	125,936	0	94,249
Norway.....	0	45,568	0	70,335	0	86,610	0	81,978
Austria.....	6	28,765	0	20,542	0	24,816	0	27,361
Sweden.....	0	24,518	0	21,905	0	63,561	0	71,410
Belgium.....	113	18,152	119	17,367	448	45,986	877	35,129
Latvia.....	0	3,496	0	4,257	0	3,483	0	3,711
British India.....	1,284	2,926	111	33,102	76	129,855	199	105,087
Japan.....	0	2,058	0	15,465	0	23,473	0	28,781
Poland.....	0	0	0	28,798	0	22,912	0	19,628
Hungary.....	(⁸)	(⁹)	0	14,310	0	16,234	0	16,311
Total.....	3,125	2,247,862	1,199	2,301,366	581	2,368,720	1,625	2,332,900

¹ Preliminary.² Java and Madura only.³ Year ended June 30.⁴ International Yearbook of Agricultural Statistics.⁵ Year beginning April.⁶ 4-year average.⁷ Copra and similar raw materials.⁸ 3-year average.⁹ Not separately reported.¹⁰ 2-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted.

TABLE 610.—*Rubber: International trade, averages 1925-34, annual 1936 and 1937*

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
British Malaya.....	931,522	362,113	1,258,335	328,233	1,165,118	375,870	1,526,869	478,126
Netherland India.....	593,755	0	680,447	0	693,564	0	138,319	0
Ceylon.....	135,621	11,137	148,221	6,585	111,834	7,736	156,108	5,260
Brazil.....	46,638	0	19,218	0	25,125	0	32,613	0
British India.....	24,132	100	17,133	910	29,327	691	22,447	5,071
Indo-China.....	20,508	29	33,555	108	91,082	16	90,510	0
British North Borneo.....	14,410	0	16,856	0	18,318	0	29,507	0
Bolivia.....	7,474	0	3,876	0	2,381	0	0	0
Nigeria ²	3,947	0	3,344	0	4,867	0	5,764	0
French Cameroon ³	1,983	1	506	0	2,646	0	2,976	0
French Equatorial Africa.....	3,243	211	1,697	24	1,698	0	1,653	0
Belgian Congo.....	2,530	1	578	4	1,827	29	0	0
French Guinea.....	2,046	30	394	2	1,058	0	3,086	0
Switzerland.....	1,939	1,155	2,420	2,091	1,743	4,047	3,175	5,453
Ecuador.....	1,752	0	159	0	3,946	0	0	0
Gold Coast.....	889	0	222	0	965	0	1,070	0
Peru.....	526	0	157	0	1,597	0	2,176	0
Total.....	1,790,624	374,777	2,187,118	337,957	2,157,096	388,389	2,075,363	493,910
PRINCIPAL IMPORTING COUNTRIES								
United States.....	0	1,009,851	0	1,024,129	0	1,093,446	0	1,345,067
United Kingdom.....	0	124,052	0	214,628	0	16,662	0	204,648
France.....	16,049	106,453	3,093	121,057	1,569	131,811	2,279	149,022
Germany.....	6,051	87,825	8,585	117,514	1,036	161,851	478	220,378
Canada.....	0	59,580	0	54,982	0	62,422	0	80,993
Japan.....	0	50,307	0	121,950	0	220,221	0	140,561
Italy.....	351	27,855	72	38,014	10	37,047	2	55,598
Union of Soviet Socialist Republics.....	0	23,145	0	68,191	0	69,366	0	68,235
Belgium.....	2,719	16,271	6,554	29,788	8,380	29,940	5,347	39,334
Spain.....	19	13,958	22	36,316	0	0	0	0
Netherlands.....	6,267	10,561	4,171	9,998	1,381	7,855	805	10,531
Austria.....	1,283	7,269	1,905	7,606	1,878	8,599	805	9,261
Sweden.....	144	5,420	102	10,944	192	10,576	221	15,364
Czechoslovakia ⁴	275	5,348	10,529	20,456	22	19,687	0	29,255
Poland.....	4	2,907	15	6,917	0	10,438	0	13,094
Hungary.....	213	2,291	97	3,639	259	6,642	304	8,044
Norway.....	0	1,556	0	2,385	0	4,303	0	5,024
Finland.....	0	1,467	0	2,375	0	3,672	0	7,114
Latvia.....	0	1,372	21	53	0	1	0	7
Denmark.....	4	1,341	0	3,086	0	6,585	0	5,002
Algeria.....	268	1,083	405	961	393	558	843	417
China.....	0	1,016	0	8,721	0	17,995	0	13,815
Argentina.....	0	793	0	6,810	0	12,637	0	21,385
Mexico.....	8,440	865	538	3,456	0	6,217	0	0
Total.....	42,087	1,562,286	36,109	1,914,036	15,120	1,938,531	11,084	2,442,149

¹ Preliminary.² Java and Madura only.³ International Yearbook of Agricultural Statistics.⁴ 4-year average.⁵ Includes British Cameroon.⁶ Excess of reexports.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. Figures for rubber include "India rubber," so called, caoutchouc, caucho, jebe (Peru), hule (Mexico), borrachs, massaranduba, mangabeira, manicoba, sorva, and seringa (Brazil), gamelastiek (Netherland India), caura, ser nambi (Venezuela).

TABLE 611.—Coffee: International trade, averages 1925-34, annual 1936 and 1937

Country	Average 1925-29		Average 1930-34		1936		1937 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Brazil.....	1,865,392	0	1,975,720	0	1,876,423	0	1,603,557	0
Colombia.....	324,155	16	418,078	3	521,454	0	546,135	3
Netherlands India.....	187,523	3,035	175,039	2,485	209,897	1,956	176,303	29
Venezuela.....	118,217	0	120,925	5	135,715	0	103,881	0
Guatemala.....	100,953	0	98,394	0	112,126	0	147,629	0
Salvador.....	96,466	0	114,182	11	108,929	0	54,696	0
Haiti.....	72,395	0	69,477	0	78,900	0	58,466	0
Mexico.....	58,612	459	69,280	121	94,423	2	59,596	1
Costa Rica.....	38,946	0	60,125	0	47,016	0	36,206	0
Nicaragua.....	30,645	0	29,831	75	28,896	2	30,490	22
Kenya and Uganda.....	23,080	(4)	38,911	931	71,461	2,285	59,596	2,202
British India.....	22,540	4,662	22,686	1,387	30,023	0	14,298	134
Angola.....	22,310	19	25,077	4	43,100	0	36,206	0
Tanganyika.....	17,217	45	26,721	25	27,216	22	30,490	22
Ecuador.....	14,338	29	20,802	29	30,423	0	24,280	0
Dominican Republic.....	9,311	0	16,640	0	32,121	0	27,584	0
Jamaica.....	8,729	0	8,377	0	10,397	0	46,768	1
Madagascar.....	8,269	3	26,983	1	61,266	31	127	0
Belgian Congo.....	952	73	13,544	51	36,998	0	0	0
Cuba.....	1	10,382	4,659	2,928	4,942	127	0	0
Total.....	3,020,051	27,703	3,325,451	8,056	3,561,726	147	2,844,688	2,392
PRINCIPAL IMPORTING COUNTRIES								
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
United States.....	17,669	1,429,825	7,375	1,590,445	9,076	1,739,191	9,823	1,697,100
France.....	219	360,039	117	411,227	69	411,361	78	409,103
Germany.....	365	266,650	1,052	318,356	132	342,616	81	392,169
Netherlands.....	36,978	113,722	17,286	104,385	3,089	71,459	4,555	84,932
Italy.....	4	99,761	40	91,970	50	70,205	15	83,223
Sweden.....	25	90,654	113	100,096	22	102,954	20	104,410
Belgium.....	890	88,285	3,139	109,317	1,223	115,512	4,913	112,768
Denmark.....	564	63,588	425	59,646	83	59,694	93	59,292
Argentina.....	0	51,666	714	47,475	21	49,107	54	50,096
Spain.....	4	48,120	3	52,915	0	0	0	0
United Kingdom.....	235	40,698	161	39,555	83	31,603	85	32,441
Finland.....	0	36,922	0	36,449	0	48,251	0	45,767
Norway.....	0	35,572	0	39,889	0	35,827	0	36,766
Czechoslovakia.....	3	29,068	5	28,545	0	25,137	0	24,458
Union of South Africa.....	13	28,306	63	28,161	279	31,385	318	30,112
Switzerland.....	202	27,926	714	33,147	548	33,421	523	29,726
Canada.....	57	25,811	82	32,799	247	40,410	359	38,197
Algeria.....	59	21,971	14	29,772	4	34,089	0	32,120
Yugoslavia.....	5	21,180	0	16,521	0	15,316	1	14,200
Egypt.....	11	19,953	0	17,600	0	15,932	0	17,369
Austria.....	6	18,368	3	16,249	0	11,443	0	11,468
British Malaya.....	9,010	17,046	5,220	13,136	5,377	17,429	5,750	18,644
Poland.....	6	15,819	5	16,478	13	13,797	14	12,309
Chile.....	21	14,385	27	7,564	2	6,780	0	8,188
Greece.....	0	11,544	0	11,824	0	15,622	0	11,417
Hungary.....	0	7,459	1	6,112	0	4,686	0	4,315
Ceylon.....	8	2,858	3	3,046	3	2,427	0	3,437
Japan.....	0	2,772	0	5,412	0	12,520	0	18,897
Bulgaria.....	0	1,874	0	1,331	0	1,112	0	1,260
Total.....	66,354	2,981,842	35,832	3,226,441	20,321	3,350,284	26,682	3,384,184

¹ Preliminary.² International Yearbook of Agricultural Statistics.³ Java and Madura only.⁴ Reexports cannot be separated.⁵ Excess of reexports.⁶ Includes a small amount of surrogate.⁷ 2-year average.⁸ 4-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. The item "coffee" comprises unhulled and hulled, ground or otherwise prepared, but imitation or surrogate coffee and chicory are excluded, except where otherwise noted.

TABLE 612.—*Tea: International trade, averages 1925-34, annual 1935-37*

Country	Average 1925-29		Average 1930-34		1935		1936		1937 ¹	
	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports	Ex- ports	Im- ports
PRINCIPAL EXPORTING COUNTRIES	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
British India.....	364,848	8,260	354,412	6,009	338,121	4,978	324,879	3,975	343,821	3,841
Ceylon.....	228,444		1,234,931		1,212,163		0	218,149	1	213,133
Netherland India.....	124,947	8,434	142,385	4,826	129,822	1,296	138,140	865	111,419	1,536
China.....	116,300	8,214	91,888	1,973	82,334	375	80,335	361	88,550	237
Japan.....	24,631	1,009	27,303	976	37,217	731	36,199	959	54,195	1,070
Taiwan.....	20,431	66	16,836	60	18,223	64	18,117	105	22,467	132
Total.....	879,601	25,984	867,755	13,845	817,870	7,444	815,819	6,266	833,585	5,816
PRINCIPAL IMPORTING COUNTRIES										
United Kingdom.....	0	429,507		0	449,885	0	404,527	0	410,891	0
United States.....	0	93,052		0	87,876	0	86,235	0	82,477	0
Australia ²	0	49,242		0	46,542	0	46,250	0	46,561	0
Union of Soviet Socialist Republics.....	0	43,287	3,892	46,739	17,079	52,112	13,362	27,022	12,277	33,400
Canada.....	0	38,268	0	40,474	0	35,176	0	39,739	0	40,122
Netherlands.....	29	26,144	123	29,754	138	30,296	103	26,659	157	26,546
Ireland.....	0	23,221	0	23,614	0	22,767	0	21,867	0	25,252
Iran ³	742	14,925	38	11,562	0	14,004	0	11,187	0	21,412
Morocco.....	0	12,770	0	15,876	192	17,270	284	18,077	483	18,362
New Zealand.....	0	11,159	0	10,896	0	9,979	0	11,235	0	10,682
Union of South Africa.....	218	11,122	100	12,242	97	13,807	371	14,681	286	15,515
Germany.....	0	11,037	0	11,815	0	9,806	0	9,866	358	11,342
Egypt ⁴	259	10,814	27	14,881	2	13,507	3	15,294	0	16,000
Manchuria.....	(⁵)	(⁵)	26	9,756	1	9,540		10,804		11,563
British Malaya.....	1,323	10,491	666	6,215	965	5,023	1,240	5,135	1,201	5,881
Chile.....	4	5,156	4	4,024	0	5,640	0	4,577		6,553
Indo-China.....	2,165	4,827	1,619	2,339	2,576	1,447	2,879	1,445	4,372	1,583
Poland.....	15	4,428	5	4,107	1	3,772	2	3,549	2	4,101
Argentina.....	0	3,867	0	3,968	2	4,244	1	3,982	1	4,599
France.....	81	3,456	32	3,329	17	2,603	19	3,167	17	3,053
Algeria.....	16	2,140	47	3,382	31	2,037	9	3,027	3	3,303
Czechoslovakia.....	3	1,492	0	1,336	0	1,180	0	1,157	0	1,190
Denmark.....	0	1,276	0	1,270	0	1,299	0	1,082	0	1,149
Austria.....	0	1,236	1	1,017	0	852	0	801	0	754
Yugoslavia.....	0	869	0	606	0	394	0	420	0	436
Hungary.....	5	777	0	536	0	500	0	507	0	480
Total.....	4,860	814,563	6,577	843,441	21,101	794,167	18,273	775,209	19,157	818,800

¹ Preliminary.² Java and Madura only.³ International Yearbook of Agricultural Statistics.⁴ The 1925-29 average is for the years beginning Mar. 22; annual figures are for years ended June 21.⁵ 4-year average.⁶ Includes yerba mate and imitation tea, which are not separately reported after 1929.⁷ Not shown prior to 1932; included with data for China.⁸ 3-year average.

Bureau of Agricultural Economics. Compiled from official sources except where otherwise noted. These figures are for tea leaves only; tea dust and sweepings and yerba mate are not included when separately reported.

FARM BUSINESS AND RELATED STATISTICS

TABLE 613.—Crop summary: Acreage, production, and value, United States, average 1927-36, annual 1937 and 1938

Crop	Acreage harvested			Production			Farm value	
	Average	1937	1938	Unit	Average	1937	1938	1938
	1927-36				1927-36			
	1,000	1,000	1,000		Thou-	Thou-	Thou-	1,000
	acres	acres	acres		sands	sands	sands	dollars
Corn, all.....	100,259	93,741	91,782	Bushel..	2,306,157	2,651,284	2,542,238	1,379,616
Wheat, all.....	55,325	64,422	70,221	Bushel..	752,891	875,676	930,801	842,874
Winter.....	37,281	40,978	49,711	Bushel..	546,396	685,824	686,637	670,513
All spring.....	18,044	17,444	20,510	Bushel..	206,494	189,852	244,164	172,215
Durum.....	3,620	2,786	3,545	Bushel..	40,085	27,971	40,445	23,785
Other spring.....	14,424	14,658	16,965	Bushel..	166,410	161,881	203,719	148,430
Oats.....	37,961	35,256	35,477	Bushel..	1,042,461	1,161,612	1,053,839	349,393
Barley.....	10,967	9,968	10,513	Bushel..	234,895	220,327	253,139	118,994
Rye.....	3,140	3,846	3,979	Bushel..	26,454	49,830	55,039	34,157
Buckwheat.....	542	426	453	Bushel..	8,569	6,764	6,682	4,630
Flaxseed.....	2,218	934	954	Bushel..	13,751	7,089	8,171	13,235
Rice.....	907	1,088	1,068	Bushel..	42,500	53,372	52,303	35,132
Grain sorghums ¹	7,246	7,476	7,792	Bushel..	89,331	97,679	100,816	47,656
Cotton, lint.....	35,456	33,623	24,248	Bale.....	13,201	18,946	11,943	796,179
Cottonseed.....	68,277	66,064	68,083	Ton.....	5,869	8,426	5,310	164,375
Hay, all.....	55,815	54,620	56,309	Ton.....	79,733	82,617	90,743	721,646
Hay, all tame.....	12,462	11,444	11,774	Ton.....	69,754	73,449	80,299	669,871
Hay, wild.....	2,424	3,008	4,889	Ton.....	9,979	9,168	10,444	51,775
Sweet sorghums ¹	464	511	584	Bushel..	3,582	4,426	8,046	29,538
Alfalfa seed.....	1,160	455	1,876	Bushel..	926	961	908	13,767
Clover seed (red and alsike).....	246	220	390	Bushel..	1,434	728	2,204	12,805
Sweetclover seed.....	171	541	703	Bushel..	827	817	914	3,389
Lupine seed.....	490	884	447	Bushel..	26,924	112,655	180,210	5,803
Timothy seed.....	1,731	1,700	1,671	Bag.....	12,053	15,282	15,268	45,271
Beans, dry edible.....	1,231	2,549	2,808	Bushel..	18,000	45,272	57,665	38,448
Soybeans ²	921	1,418	1,362	Bushel..	6,069	8,986	8,474	13,199
Cowpeas ²	1,497	1,653	1,887	Pound..	1,039,469	1,320,675	1,424,826	42,444
Peanuts ²	1,687	2,179	2,372	Ton.....	706	959	966	11,380
Velvetbeans ¹	592	253	203	Bushel..	4,120	5,454	3,418	5,532
Peas, dry field.....	3,343	3,174	3,008	Bushel..	369,693	394,139	369,297	208,334
Potatoes.....	824	840	883	Bushel..	70,274	75,033	76,647	61,890
Sweet potatoes.....	1,681	1,751	1,693	Pound..	1,325,243	1,562,896	1,378,534	219,465
Tobacco.....	213	193	190	Gallon..	13,002	11,915	11,467	6,711
Sorgho sirup.....	206	273	204	Ton.....	3,355	5,892	6,720	17,444
Sugarcane for sugar.....	126	146	137	Gallon..	20,228	25,135	22,221	10,993
Sugarcane sirup.....	760	755	930	Ton.....	8,383	8,784	11,614	46,249
Sugar beets.....	1012,597	1011,677	1011,672	Pound..	1,762	1,947	1,078	304
Maple sirup.....	1012,597	1011,677	1011,672	Gallon..	2,720	2,606	2,772	4,467
Broomcorn.....	327	302	263	Ton.....	44	46	37	3,197
Hops.....	28	34	32	Pound..	112,753	113,913	115,261	6,411
Apples, total.....	150,728	150,728	131,882	Bushel..	92,821	115,733	78,675	75,810
Apples, commercial.....	152,498	150,728	131,882	Bushel..	112,498	115,733	78,675	75,810
Peaches, total.....	24,326	29,548	32,259	Bushel..	24,326	29,548	32,259	21,177
Pears, total.....	2,197	2,777	2,503	Ton.....	116	145	139	15,032
Grapes, total ¹¹	116	72	67	Ton.....	66	72	67	3,001
Cherries (12 States).....	48	34	47	Ton.....	48	34	47	976
Plums (2 States).....	15	27	21	Ton.....	15	27	21	599
Prunes, fresh use (3 States).....	225	256	237	Ton.....	225	256	237	13,993
Prunes, canned (2 States).....	49,577	74,476	75,066	Box.....	16,772	31,093	40,824	50,872
Prunes, dried (3 States).....	7,497	9,355	10,686	Box.....	7,497	9,355	10,686	18,149
Oranges (7 States).....	562	877	457	Barrel..	61,274	76,856	46,566	5,690
Grapefruit (4 States).....	8.2	10.1	9.7	Box.....	932	808	873	1,890
Lemons (California) ¹	103.2	108.5	113.3	Crate....	4,956	5,979	6,097	9,497
Cranberries.....	61.1	64.8	65.8	Crate....	54.4	51.2	44.7	4,656
Commercial truck crops: Artichokes (Califor- nia only).....	8.2	10.1	9.7	Box.....	932	808	873	1,890
Asparagus, total.....	103.2	108.5	113.3	Crate....	4,956	5,979	6,097	9,497
For market.....	61.1	64.8	65.8	Crate....	54.4	51.2	44.7	4,656
For manufacture (California only).....	42.1	43.7	47.5	Ton.....	54.4	51.2	44.7	3,175

See footnotes at end of table.

TABLE 613.—Crop summary: Acreage, production, and value, United States, average 1927-36, annual 1937 and 1938—Continued

Crop	Acreage harvested			Unit	Production			Farm value	
	Average 1927-36	1937	1938 ¹		Average 1927-36	1937	1938 ¹	1937	1938 ¹
Commercial truck crops—Continued	1,000 acres	1,000 acres	1,000 acres		Thous- ands	Thous- ands	Thous- ands	1,000 dollars	1,000 dollars
Beans, lima, total	36.5	56.1	66.4					2,750	3,106
For market	9.7	12.7	13.4	Bushel	610	689	904	1,216	1,240
For manufacture	25.4	43.4	53.0	Ton	14.1	23.2	28.7	1,534	1,866
Beans, snap, total	176.5	228.8	244.7					20,626	18,938
For market	127.1	166.7	173.3	Bushel	10,700	12,544	14,373	15,951	13,296
For manufacture	49.4	63.1	71.4	Ton	70.4	105.3	126.0	5,035	5,642
Beets, total	17.7	21.8	22.0					1,648	1,392
For market	10.4	9.6	10.9	Bushel	1,847	1,716	1,928	912	719
For manufacture	6.6	12.2	11.1	Ton	37.9	62.6	70.8	736	673
Cabbage, total	159.4	191.3	186.3	Ton	1,082.2	1,167.8	1,492.6	15,712	12,718
For market	140.2	166.5	168.6	Ton	927.5	1,018.9	1,298.2	14,270	11,694
For sauerkraut	19.2	24.8	17.7	Ton	154.7	148.9	194.4	1,442	1,024
Cantaloups	115.3	115.3	123.2	Crate	15,028	14,239	15,103	15,908	13,137
Carrots	30.8	39.6	43.3	Bushel	10,793	14,183	15,775	8,339	8,141
Canflower	27.4	29.2	28.6	Crate	6,609	8,318	8,401	7,177	4,680
Celery	32.5	40.1	41.6	Crate	8,862	10,268	11,868	17,768	15,477
Corn, sweet, total	328.8	462.8	364.0					12,751	10,018
For market (New Jersey only)	23.4	24.0	22.5	Ear	113,630	120,000	110,250	1,440	1,378
For manufacture	305.4	438.8	341.5	Ton	591.6	978.1	876.0	11,311	8,640
Cucumbers, total	121.2	153.0	126.1					8,911	7,322
For market	44.2	42.9	43.5	Bushel	4,232	3,749	4,595	4,124	3,691
For pickles	77.0	110.1	82.6	Bushel	4,741	8,047	6,150	4,787	3,631
Eggplant	3.4	4.0	4.4	Bushel	774	921	961	640	593
Kale (Virginia only)	1.9	1.0	1.0	Bushel	640	430	514	129	154
Lettuce	151.1	153.1	149.5	Crate	19,183	21,125	19,431	32,758	28,762
Onions	112.5	134.6	137.9	Sack ²	13,657	14,786	14,915	19,267	15,427
Peas, total	327.7	452.3	421.2					24,351	25,814
For market	91.7	117.5	102.3	Bushel	6,968	9,081	8,113	10,215	9,883
For manufacture	236.0	334.8	318.9	Ton	182.7	268.1	302.1	14,136	15,931
Peppers	16.7	20.3	21.1	Bushel	3,796	4,826	4,970	3,470	3,286
Pimentos for manu- facture	9.0	12.2	18.6	Ton	14.9	19.0	29.3	641	1,004
Spinach, total	66.8	107.0	87.9					6,371	5,075
For market	53.3	77.3	66.7	Bushel	12,221	15,081	12,526	5,450	4,540
For manufacture	13.5	29.7	21.2	Ton	51.5	64.8	38.6	921	535
Tomatoes, total	501.5	649.9	612.4					52,873	47,396
For market	162.9	198.9	222.2	Bushel	18,191	21,457	24,546	27,613	26,015
For manufacture	338.7	451.0	390.2	Ton	1,385.6	1,926.3	1,736.9	25,260	21,381
Watermelons	241.1	263.4	263.0	Melon	66,391	73,734	69,929	7,493	7,186
Total above truck crops	2,580.4	3,255.4	3,086.2					275,643	243,928
For market (21 crops)	1,464.4	1,691.5	1,712.5					205,184	180,426
For manufacture (11 crops)	1,116.0	1,563.9	1,373.7					70,459	63,502
Garlic	3.6	4.2	4.5	Sack ³	140	204	193	577	596
Peppermint	39.4	32.1	28.2	Pound ⁴	871	885	732	1,764	1,460
Potatoes, early	304.7	347.2	321.1	Bushel	40,022	50,410	50,171	31,811	28,093
Strawberries	183.9	157.3	180.0	Crate	11,403	11,786	11,469	34,403	30,718
Total, 45 crops ⁵	342,524	341,106	341,846					6,108,305	4,939,725
Total, 65 crops									

¹ Preliminary.² Value of "all wheat" differs slightly from sum of wheat by kinds due to rounding of "all wheat" price.³ All purposes.⁴ For hay and forage, but not included in tame hay.⁵ Bag of 100 pounds.⁶ Values apply to the production of cleaned beans.⁷ Covers only mature crop harvested for the beans, peas, or nuts.⁸ Short-time average.⁹ Includes some quantities which have no farm value.¹⁰ 1,000 trees tapped.¹¹ Includes some quantities not harvested. Values apply only to the harvested portion of the crop.¹² Production includes all grapes for fresh fruit, juice, wine, and raisins.¹³ Pound of oil.¹⁴ Excluding crops not harvested, minor crops, duplicated seed acreages, strawberries, and other fruits.

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TABLE 614.—*Livestock summary: Numbers and value, United States, average 1927-36, annual 1938 and 1939*

Farm animals	Number Jan. 1			Farm value					
				Value per head Jan. 1			Total value Jan. 1		
	Average 1927-36	1938	1939 ¹	Average 1927-36	1938	1939	Average 1927-36	1938	1939
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Horses and colts.....	13, 185	11, 128	10, 800	67.91	90.96	84.40	890, 987	1, 012, 217	911, 572
Mules and mule colts.....	5, 227	4, 428	4, 382	81.32	122.65	117.72	422, 279	543, 092	515, 869
Cattle and calves.....	64, 511	66, 083	66, 821	36.27	36.58	38.46	2, 271, 056	2, 417, 235	2, 560, 793
Sheep and lambs.....	50, 588	52, 682	53, 762	6.55	6.12	5.75	322, 570	322, 525	309, 180
Hogs, including pigs.....	54, 884	44, 218	49, 011	10.16	11.26	11.17	555, 989	498, 070	547, 461
Total.....							4, 462, 881	4, 793, 139	4, 853, 875
Chickens.....	440, 971	386, 573	412, 647	.709	.766	.699	315, 129	292, 142	288, 625

¹ Preliminary.

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TABLE 615.—*Livestock production summary: Amount and value of production, United States, average 1927-36, annual 1938 and 1937*

Livestock product	Net production					
	Amount ¹			Value ²		
	Average 1927-36	1936	1937 ³	Average 1927-36	1936	1937 ³
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Horses and colts.....				35, 113	39, 423	42, 015
Mules and mule colts.....				10, 406	6, 230	5, 732
Cattle and calves.....	13, 612, 339	14, 241, 412	13, 738, 830	857, 517	845, 622	975, 014
Sheep and lambs.....	1, 883, 093	2, 007, 964	2, 008, 800	131, 485	142, 594	158, 939
Hogs, including pigs.....	14, 850, 414	12, 821, 680	12, 263, 985	1, 049, 729	1, 180, 418	1, 152, 841
Milk.....	100, 718, 000	103, 183, 000	103, 132, 000	1, 799, 278	1, 920, 587	2, 013, 340
Wool.....	348, 092	360, 327	366, 778	77, 558	96, 824	117, 321
Mohair.....	16, 489	15, 986	16, 558	5, 972	8, 646	8, 965
	Number produced			Value of production		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Chickens.....	668, 435	703, 067	577, 701	404, 238	416, 444	359, 081
Eggs (chicken).....	36, 635, 000	33, 996, 000	37, 647, 000	652, 858	612, 305	661, 121

¹ Production includes weight of cattle and calves sold to the Government in 1934 and 1935 and sheep in 1934.² Value includes payments by the Government to producers for cattle and calves and sheep bought in 1934 and 1935, as follows: Cattle and calves, 1934—\$105,606,000; 1935—\$5,912,000; sheep and lambs, 1934—\$7,219,000.³ Preliminary.

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TABLE 616.—Index numbers of the volume of agricultural production for sale and for consumption in the farm home, 1919-38¹

[1924-29=100]

Year	Grains	Fruits and vegetables	Truck crops	Cotton and cottonseed	All crops	Meat animals	Dairy products	Poultry products	All livestock and livestock products	Total
1919.....	104	84	58	76	89	98	78	74	86	87
1920.....	117	100	70	88	101	91	77	74	83	91
1921.....	102	75	61	53	77	92	83	85	87	83
1922.....	100	108	81	65	80	102	87	88	94	92
1923.....	100	103	79	67	90	107	91	98	99	95
1924.....	102	96	91	91	96	102	94	91	97	97
1925.....	98	90	96	107	99	97	96	94	96	97
1926.....	96	109	93	120	106	98	90	99	98	102
1927.....	103	94	105	87	95	101	102	105	102	99
1928.....	108	117	102	97	106	101	103	106	103	104
1929.....	93	94	113	99	97	101	106	106	104	101
1930.....	85	106	113	92	95	101	107	109	105	101
1931.....	89	115	109	112	104	107	110	109	109	107
1932.....	85	101	113	86	90	106	110	105	107	100
1933.....	61	99	105	86	82	108	110	106	109	97
1934.....	44	111	110	64	70	117	110	102	112	94
1935.....	71	115	117	71	85	86	110	99	98	92
1936.....	58	101	123	83	81	100	111	104	106	95
1937.....	97	134	128	126	116	93	111	106	103	109
1938 ²	102	124	130	80	101	100	110	103	107	104

¹ These index numbers measure the changes in production of farm products for sale and for consumption in the farm home. Products fed to livestock, used for seed, or in other forms of production are not included. Production of meat animals is a measure of total slaughter including slaughter for farm use, but does not include changes in number of livestock on farms from year to year. The index number of dairy products production represents total milk produced for all purposes except whole milk fed to calves. Calendar-year production of livestock and livestock products is compared with crop production of the same year. Each group index, as well as the total, is obtained by multiplying the yearly quantities by a 1924-29 average price received by producers for each of the commodities, and dividing the sum of these yearly values at average prices by the corresponding average sum for the period 1924-29 taken as 100. The commodities included in constructing the index contributed about 93 percent of the gross income from agricultural production during the years 1924-29. The commodities included in each group are: Grains—wheat, corn, oats, barley, rye, buckwheat, flaxseed, rice, grain sorghum; fruits and vegetables—grapes, apples, apricots, peaches, pears, cranberries, figs, grapefruit, oranges, lemons, olives, potatoes, sweetpotatoes, dry edible beans; truck crops—asparagus, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, strawberries, tomatoes, watermelons; cotton and cottonseed; all crops include tobacco and hay in addition to all previous items; meat animals—cattle, calves, sheep, lambs, hogs; dairy products—total milk production less milk fed to calves; poultry products—chickens and eggs; all livestock and livestock products include wool in addition to the livestock and livestock products mentioned; the total index is the combined index of all crops and all livestock and livestock products.

² Preliminary.

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TABLE 617.—Total acreage and total farm value of principal crops, by States, average 1927-36, annual 1937 and 1938

State and division	Total acreage of 45 crops (excluding duplications) ¹			Total farm value of 65 crops ¹	
	Average 1927-36	1937	1938 ²	1937	1938 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	1,342,800	1,362,000	1,350,000	30,685	34,382
New Hampshire.....	410,840	425,200	427,000	7,730	7,143
Vermont.....	1,090,470	1,114,500	1,097,700	18,114	17,830
Massachusetts.....	437,890	477,600	471,600	23,739	19,463
Rhode Island.....	54,080	60,300	61,900	2,349	2,050
Connecticut.....	396,020	437,000	440,000	20,950	17,956
New York.....	6,766,710	6,785,900	6,718,200	146,674	129,700
New Jersey.....	703,300	768,000	732,000	39,612	34,122
Pennsylvania.....	6,375,760	6,406,700	6,318,700	153,633	130,715
North Atlantic.....	17,577,370	17,837,200	17,617,700	443,486	393,521
Ohio.....	10,163,160	10,521,900	10,325,500	201,016	173,448
Indiana.....	10,331,170	10,877,900	10,276,100	190,937	146,522
Illinois.....	18,955,230	19,989,000	18,980,400	381,528	301,356
Michigan.....	7,700,200	7,714,000	7,671,000	146,155	134,128
Wisconsin.....	9,735,330	10,471,500	10,319,800	164,154	152,744
Minnesota.....	18,410,830	19,122,700	18,857,700	248,305	185,796
Iowa.....	21,813,660	22,029,700	21,393,500	364,328	310,166
Missouri.....	12,962,360	12,874,000	12,115,700	173,788	126,114
North Dakota.....	17,791,930	14,138,000	16,710,800	100,265	79,829
South Dakota.....	13,744,210	12,470,090	13,046,000	66,605	60,657
Nebraska.....	20,170,900	18,499,000	20,043,000	143,004	125,026
Kansas.....	22,245,200	21,341,600	22,780,500	223,432	138,042
North Central.....	184,024,180	180,049,300	182,520,000	2,403,517	1,933,828
Delaware.....	364,200	368,000	366,000	9,818	7,994
Maryland.....	1,655,740	1,721,000	1,698,500	45,959	41,274
Virginia.....	3,857,860	3,988,000	3,805,600	109,273	90,225
West Virginia.....	1,511,690	1,520,900	1,479,400	31,183	25,960
North Carolina.....	6,291,030	6,597,000	6,403,000	272,132	221,212
South Carolina.....	4,790,000	5,223,000	4,982,000	121,660	100,091
Georgia.....	9,816,020	10,726,600	10,949,200	180,767	153,576
Florida.....	1,359,270	1,547,600	1,566,200	74,661	65,113
South Atlantic.....	29,615,540	31,692,100	31,249,900	845,453	705,745
Kentucky.....	5,251,330	5,515,700	5,338,000	150,588	128,157
Tennessee.....	5,211,620	6,506,500	6,205,500	135,250	114,613
Alabama.....	7,777,660	8,448,000	8,146,000	154,516	122,785
Mississippi.....	6,843,200	7,513,000	7,217,000	199,890	155,393
Arkansas.....	6,541,600	7,010,000	6,541,000	152,393	120,110
Louisiana.....	4,201,170	4,479,000	4,373,000	121,731	96,763
Oklahoma.....	14,198,600	13,130,000	13,266,000	152,840	108,931
Texas.....	28,958,200	28,510,000	28,431,000	451,261	302,957
South Central.....	79,983,320	81,112,200	77,518,100	1,518,269	1,149,709
Montana.....	6,491,250	4,825,000	7,057,000	47,218	61,172
Idaho.....	2,533,500	2,837,000	2,863,000	63,348	57,846
Wyoming.....	1,785,800	1,944,000	2,022,000	21,459	18,384
Colorado.....	5,835,200	5,224,500	5,907,000	72,373	64,832
New Mexico.....	1,282,710	1,474,000	1,376,000	24,251	16,450
Arizona.....	558,200	687,000	622,500	37,481	28,186
Utah.....	1,039,580	1,062,900	1,046,600	23,978	22,584
Nevada.....	350,040	354,300	355,700	5,188	3,914
Washington.....	3,466,810	3,639,500	3,534,000	97,072	88,708
Oregon.....	2,610,000	2,644,500	2,749,600	62,630	52,882
California.....	5,070,400	5,722,000	5,407,000	440,683	341,874
Western.....	31,323,490	30,414,800	32,940,400	897,580	756,922
United States.....	342,623,900	341,105,600	341,846,100	6,108,305	4,939,725

¹ Includes corn (all), wheat (all), oats, barley, rye, buckwheat, flaxseed, rice, grain sorghums (all), cotton, tame hay (all), wild hay, sweet sorghums for forage and hay, timothy seed, sweetclover seed, dry edible beans, soybeans for beans, cowpeas for peas, peanuts for nuts, velvetbeans (total), sorgo for sirup, sugarcane, sugar beets, potatoes, sweetpotatoes, tobacco, broomcorn, asparagus, snap beans, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, lettuce, onions, green peas, spinach, tomatoes, and watermelons. The acreages of red and alsike clover seed, lespedeza seed, and alfalfa seed are assumed to be included in the tame-hay acreage. Farm value also includes apples (total), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons (California), limes (Florida), plums (2 States), prunes (all), apricots (California), figs (2 States), olives (California), almonds (California), walnuts (2 States), pecans, maple products, and hops.

² Preliminary.

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TABLE 618.—Cash and gross farm income in the United States, by commodities, 1937 and 1938¹

Commodity	Cash income		Home consumption		Gross income	
	1937	1938 ²	1937	1938 ²	1937	1938 ²
	1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.
Crops:						
Corn	221,757	271,580	27,157	19,735	248,914	291,315
Wheat	602,971	432,691	14,576	10,863	617,547	443,554
Oats	66,126	41,608			66,126	41,608
Barley	42,507	37,586			42,507	37,586
Rye	19,841	8,554	346	195	20,187	8,749
Buckwheat	1,960	1,640	248	163	2,208	1,803
Flaxseed	12,914	9,472			12,914	9,472
Rice	33,008	32,879	120	104	33,128	32,983
Grain sorghums	5,516	4,829			5,516	4,829
Popcorn	1,632	1,056			1,632	1,056
Cotton lint	770,377	575,741			770,377	575,741
Cottonseed	113,399	91,494			113,399	91,494
Tobacco	318,305	294,063			318,305	294,063
Dry edible beans	45,189	31,748	265	232	45,454	31,980
Potatoes	183,952	133,446	51,307	39,864	235,259	173,310
Sweetpotatoes	24,235	18,090	29,285	26,938	53,520	45,028
Truck crops	360,204	318,176			360,204	318,176
Citrus fruits	139,200	80,879	555	470	139,755	81,349
Apples	110,481	84,236	32,689	18,520	143,170	102,756
Peaches	60,330	30,765	10,643	7,731	60,973	38,496
Pears	18,278	11,912	2,896	2,353	21,174	14,267
Cherries	12,405	7,258	1,896	1,120	14,301	8,378
Plums and apricots	3,794	3,465	1,822	1,656	5,616	5,121
Grapes	54,638	37,048	2,577	2,201	57,215	39,249
Strawberries	42,604	38,015	1,599	1,453	44,203	39,468
Cranberries	7,561	5,064			7,561	5,064
Pecans	4,409	3,089	1,282	1,159	5,691	4,248
Peanuts	36,296	39,951	1,465	1,605	37,760	41,556
Small fruits	13,832	12,803	936	865	14,768	13,668
Other fruits and nuts ³	52,331	39,710	547	477	52,878	40,187
Sugarcane for sugar	19,468	18,556			19,468	18,556
Sugar beets	51,836	53,242			51,836	53,242
Sugarcane sirup	4,225	3,250	4,195	3,675	8,420	6,925
Sorgo sirup	1,648	1,533	2,855	2,741	4,503	4,274
Maple sugar and sirup	3,923	4,380	405	414	4,328	4,794
Hay	94,573	80,218			94,573	80,218
Sweet sorghum for forage	2,112	2,760			2,112	2,760
Clover seed (red and alsike)	9,862	15,664			9,862	15,664
Sweetclover seed	2,497	1,664			2,497	1,664
Lespedeza seed	4,757	5,363			4,757	5,363
Alfalfa seed	12,783	9,804			12,783	9,804
Timothy seed	2,919	1,663			2,919	1,663
Soybeans	28,030	31,933			28,030	31,933
Cowpeas	6,445	5,835	848	813	7,293	6,648
Broomcorn	3,197	2,274			3,197	2,274
Hops	6,411	5,546			6,411	5,546
Forest products	82,511	77,676	74,555	70,082	157,066	147,658
Nursery products	58,130	56,050			58,130	56,050
Greenhouse products	79,510	77,049			79,510	77,049
Farm gardens			199,451	185,489	199,451	185,489
Total crops	3,844,888	3,153,208	464,510	400,920	4,309,398	3,554,128
Livestock and livestock products:						
Cattle and calves	1,214,699	1,144,334	22,723	20,745	1,237,422	1,165,079
Hogs	923,252	874,417	237,905	198,383	1,161,157	1,072,800
Sheep and lambs	191,966	160,855	2,999	2,300	194,965	163,055
Horses	23,872	22,344			23,872	22,344
Mules	11,953	8,426			11,953	8,426
Chickens	240,650	225,815	139,757	132,143	380,407	357,958
Eggs (chicken)	512,561	473,313	138,935	134,702	651,496	608,015
Milk	1,531,510	1,398,246	429,412	380,567	1,960,922	1,778,813
Wool	117,270	71,378			117,270	71,378
Mohair	8,853	8,641			8,853	8,641
Total livestock	4,776,596	4,384,969	971,731	868,740	5,748,317	5,253,709
Total crops and livestock	8,621,474	7,538,177	1,436,241	1,269,660	10,057,715	8,807,837
Government payments⁴	366,909	482,221			366,909	482,221
Grand total	8,988,383	8,020,398	1,436,241	1,269,660	10,424,624	9,290,058

¹ Estimates of cash farm income measure the amount of money received by farmers during the calendar year from the sale of the different farm products. Gross farm income is the cash income from sales, plus the value of commodities consumed on the farms where grown, valued at the average price received by farmers for the commodities sold.

² Preliminary.

³ Includes avocados, figs, olives, pineapples, prunes, almonds, filberts, and Persian (English) walnuts, as well as plums and apricots in commercial States.

⁴ Includes agricultural conservation, rental and benefit, and cotton price adjustment and option payments.

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TABLE 619.—Gross farm income and Government payments, by States, 1937 and 1938

State	Gross farm income from—						Government payments ¹		Gross farm income and Government payments	
	Crops			Livestock and livestock products			Crops, livestock, and livestock products		1937	1938 ²
	1937	1938 ³	1,000 dol.	1937	1938 ³	1,000 dol.	1937	1938 ³	1,000 dol.	1,000 dol.
Maine.....	42,059	26,578	28,344	1,000 dol.	1,000 dol.	56,036	408	1,506	70,811	57,544
New Hampshire.....	7,646	6,783	18,102	17,003	25,808	24,386	139	1,177	25,947	24,563
Vermont.....	11,161	30,623	33,629	43,787	43,629	43,787	306	528	45,093	44,407
Massachusetts.....	33,462	49,707	40,469	83,169	70,732	83,169	225	407	83,394	80,139
Rhode Island.....	3,374	3,011	3,011	7,322	6,017	6,017	10	40	7,332	6,057
Connecticut.....	22,514	36,217	36,217	46,112	58,275	58,275	333	476	46,445	58,728
New York.....	119,553	102,648	240,732	224,525	360,285	327,173	2,357	3,682	362,822	400,856
New Jersey.....	44,850	39,987	59,240	59,748	104,060	99,735	460	727	104,550	100,402
Pennsylvania.....	102,797	84,713	229,970	218,887	332,667	303,600	2,443	2,757	335,110	306,357
Ohio.....	115,870	97,357	267,400	261,114	413,270	358,471	8,814	7,617	422,084	366,088
Indiana.....	87,458	188,648	174,556	228,974	332,374	303,530	9,704	8,624	342,078	312,154
Illinois.....	206,352	188,648	365,000	344,849	521,352	433,493	13,593	17,777	529,086	451,271
Michigan.....	163,563	163,563	308,265	270,456	363,066	319,322	10,868	11,737	373,924	363,066
Wisconsin.....	54,798	48,866	308,265	270,456	363,066	319,322	10,868	11,737	373,924	363,066
Minnesota.....	108,081	85,181	289,322	276,001	398,303	301,182	17,407	15,301	415,800	376,483
Iowa.....	85,820	112,405	492,805	496,092	578,025	608,497	24,590	29,719	603,255	638,216
Missouri.....	81,690	70,820	225,776	208,728	307,466	279,548	13,268	12,122	320,764	291,670
North Dakota.....	54,791	45,625	63,139	57,498	117,930	103,123	21,210	13,179	139,140	116,302
South Dakota.....	19,135	23,925	81,332	82,120	100,607	106,045	15,015	17,852	123,659	123,659
Nebraska.....	6,016	198,356	188,356	188,356	330,557	255,520	15,253	17,356	335,609	273,876
Kansas.....	138,201	91,871	198,356	188,356	330,557	255,520	15,253	17,356	335,609	273,876
Delaware.....	9,716	7,979	11,724	11,724	11,724	11,724	21,440	15,767	21,440	20,226
Maryland.....	42,352	33,353	44,440	42,379	86,792	75,762	1,513	1,452	88,305	77,214
Virginia.....	90,512	80,305	94,401	80,305	167,059	164,000	3,350	4,083	188,263	171,142
West Virginia.....	20,957	18,256	30,021	45,744	70,978	64,000	762	1,436	71,740	65,436
North Carolina.....	257,914	213,303	90,273	84,538	348,187	296,861	12,217	16,924	365,004	316,385
South Carolina.....	102,828	102,828	73,648	73,648	222,997	197,204	11,690	20,218	233,027	217,422
Florida.....	98,880	75,731	29,860	27,023	128,746	102,754	1,310	2,610	130,056	105,364
Kentucky.....	109,347	99,975	118,765	107,340	228,112	207,315	11,160	11,826	239,272	218,141
Tennessee.....	101,201	90,190	101,694	88,661	202,895	178,851	8,392	12,320	219,287	191,171
Alabama.....	128,909	99,033	65,248	62,575	194,157	162,078	10,086	19,605	204,243	181,733
Mississippi.....	136,143	136,081	62,413	58,637	220,556	198,318	10,467	22,443	223,023	221,761
Arkansas.....	125,475	106,384	43,584	43,584	133,890	130,478	17,596	17,596	161,165	157,074
Louisiana.....	116,470	84,348	123,059	111,728	221,699	196,086	14,665	21,033	233,744	217,119
Oklahoma.....	98,040	34,544	310,743	276,207	681,211	527,771	68,814	68,814	721,221	594,585
Texas.....	370,468	310,743	60,359	60,359	91,669	79,050	8,539	8,539	99,733	87,589
Montana.....	31,310	35,223	60,359	60,359	91,669	79,050	8,539	8,539	99,733	87,589

Idaho.....	48,297	38,757	58,903	47,753	107,260	86,510	3,610	3,161	110,810	89,671
Wyoming.....	12,191	9,569	39,981	34,858	52,172	44,427	1,307	2,772	53,479	47,199
Colorado.....	56,278	39,548	95,835	78,939	152,113	118,487	4,974	8,532	157,087	127,019
New Mexico.....	17,446	14,792	39,855	36,594	57,301	51,296	3,248	3,248	60,398	54,544
Arizona.....	31,250	31,910	28,970	26,287	60,220	58,197	1,193	2,554	61,413	60,751
Utah.....	13,461	14,360	26,629	24,721	44,141	45,126	1,384	1,384	53,484	48,660
Nevada.....	13,461	14,360	26,629	24,721	44,141	45,126	1,384	1,384	53,484	48,660
Washington.....	90,809	80,195	77,525	10,750	14,173	13,146	3,246	1,878	180,590	148,033
Oregon.....	61,421	50,032	68,492	65,963	177,334	146,158	2,499	2,499	132,416	109,831
California.....	456,092	320,712	240,488	57,300	120,913	107,332	5,966	12,241	702,546	541,160
United States.....	4,309,398	3,554,128	5,748,317	5,233,709	10,057,715	8,807,837	366,909	482,221	10,424,624	9,290,058

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¹ Cash farm income from sales, plus the value of commodities consumed on the farms where produced, less the average price received by farmers for the commodities sold.

² Includes agricultural conservation, rental and benefit, and cotton price adjustment and option payments.

³ Preliminary

TABLE 620.—*Revised annual cash and gross farm income and Government payments, United States, 1925-38¹*

Source of income	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938 ²
Cash farm income:														
Crops:														
Grains.....	1,589	1,457	1,473	1,567	1,413	960	574	371	564	626	598	824	1,008	842
Fruits and nuts.....	552	555	558	571	598	468	338	279	340	386	430	451	546	384
Vegetables.....	718	515	584	722	752	537	525	367	525	484	453	589	654	601
Cotton and cottonseed.....	1,718	1,573	1,573	1,425	1,276	944	514	315	458	515	478	515	614	474
Tobacco.....	260	240	246	247	276	244	157	115	157	236	243	243	318	284
Other crops.....	535	581	555	508	538	539	343	287	373	292	347	445	475	455
Total crops.....	5,416	4,900	5,116	5,068	5,060	3,792	2,454	1,880	2,437	2,887	2,813	3,457	3,845	3,153
Livestock and livestock products:														
Meat animals.....	2,778	2,884	2,771	2,965	3,016	2,480	1,742	1,188	1,228	1,467	1,680	2,293	2,380	2,180
Dairy products.....	1,517	1,635	1,635	1,635	1,644	1,463	1,361	914	1,266	1,137	1,289	1,459	1,532	1,368
Chickens and eggs.....	987	1,035	969	1,059	1,114	939	692	514	460	545	708	735	753	699
Other.....	143	163	169	170	167	99	66	63	124	106	106	138	161	108
Total livestock.....	5,465	5,680	5,584	6,021	6,141	5,149	3,800	2,726	2,811	3,251	3,992	4,555	4,776	4,385
Total crops and livestock.....	10,881	10,580	10,700	11,089	11,221	8,941	6,254	4,606	5,248	6,138	6,805	8,012	8,621	7,538
Government payments ³.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	452
Total cash farm income.....	10,881	10,580	10,700	11,089	11,221	8,941	6,254	4,606	5,248	6,138	6,805	8,012	8,621	7,538
Products retained for home consumption ⁴	1,919	1,798	1,737	1,727	1,570	1,386	1,143	956	1,025	1,044	1,310	1,373	1,437	1,270
Gross farm income.....	12,800	12,378	12,437	12,816	12,791	10,337	7,397	5,562	6,404	7,029	8,688	9,672	10,425	9,290

¹ Contains revised estimates for meat animals and for chickens and eggs, wool and mohair, cotton and cottonseed, tobacco, and wheat.² Preliminary.³ Livestock purchases excluded (included in income from meat animals).⁴ Products consumed in home valued at average prices received by producers during the calendar year.

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TABLE 621.—*Cash income from farm marketings, United States, by months, 1924-38*¹

INCOME EXCLUDING AGRICULTURAL ADJUSTMENT ADMINISTRATION PAYMENTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>	<i>Mil-</i>
	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>	<i>lion</i>
	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>	<i>dol.</i>
1924.....	791	711	615	574	645	613	651	806	1,053	1,267	1,066	1,013	9,785
1925.....	925	744	728	612	682	712	718	847	1,099	1,186	1,034	1,037	10,324
1926.....	846	718	722	676	745	798	850	821	973	1,066	944	834	9,993
1927.....	775	701	744	680	744	746	714	857	1,061	1,175	988	831	10,016
1928.....	774	740	744	666	841	706	776	795	955	1,292	1,022	978	10,289
1929.....	897	722	729	722	742	719	846	962	1,030	1,283	921	906	10,479
1930.....	827	685	643	676	719	646	644	674	780	834	687	636	8,451
1931.....	589	476	506	497	519	450	476	421	449	555	507	454	5,899
1932.....	437	382	365	349	357	288	301	324	391	422	377	335	4,328
1933.....	348	257	279	308	424	441	496	419	488	572	510	413	4,955
1934.....	420	383	413	382	427	423	496	530	620	689	537	472	5,792
1935.....	453	403	438	479	505	455	476	566	648	802	669	613	6,507
1936 ²	550	449	505	493	541	587	710	635	752	882	749	725	7,657
1937 ²	638	505	596	583	577	604	740	766	816	907	713	675	8,208
1938 ²	603	456	512	489	510	514	609	614	717	774	660	613	7,156

INCOME INCLUDING AGRICULTURAL ADJUSTMENT ADMINISTRATION PAYMENTS

1933.....							427	559	626	520	432	5,117
1934.....	480	411	422	388	443	452	602	696	793	610	525	6,348
1935.....	523	455	488	528	541	485	495	610	705	864	734	7,090
1936 ²	551	449	520	530	600	644	734	646	758	904	768	7,944
1937 ²	681	557	708	646	610	631	751	771	821	912	716	8,574
1938 ²	620	487	572	549	554	559	643	629	744	836	708	7,632

¹ Based on income estimates not yet revised to annual estimates given in table 620.² Preliminary annual totals revised. Sum of preliminary monthly estimates does not equal the sum of revised yearly figures.

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NOTE.—The figures in this table are an old series, previously published, except for revisions in 1936, 1937, and 1938. Historical revisions in table 620 (as mentioned in footnote 1 of that table) are not yet available for this table by months.

TABLE 622.—Total population and farm population, United States: Total number Apr. 15, 1910, and yearly Jan. 1, 1920-39; annual movement to and from farms, and annual net change in the farm population, 1920-38¹

Year	Total population Jan. 1 ²	Farm population				
		Number on Jan. 1	Persons who during the year—		Net move- ment from farms during the year	Net change in farm pop- ulation during the year
			Left farms for cities	Arrived at farms from cities		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1910.....	³ 91,972	⁴ 32,077				
1920.....	³ 105,711	³ 31,614	896	569	336	149
1921.....	107,375	31,763	1,323	759	564	-14
1922.....	109,040	31,749	2,252	1,115	1,137	-619
1923.....	110,705	31,130	2,162	1,355	807	-313
1924.....	112,370	30,817	2,068	1,581	487	-13
1925.....	114,035	30,830	2,038	1,336	702	-211
1926.....	115,700	30,619	2,334	1,427	907	-449
1927.....	117,364	30,170	2,162	1,705	457	18
1928.....	119,029	30,188	2,120	1,698	422	32
1929.....	120,694	30,220	2,081	1,604	477	-51
1930.....	122,497	30,169	1,823	1,611	212	328
1931.....	123,687	30,497	1,866	1,546	20	474
1932.....	124,579	30,971	1,511	1,777	⁵ 266	722
1933.....	125,387	31,693	1,225	944	281	77
1934.....	126,234	31,770	1,051	700	351	31
1935.....	127,152	³ 31,801	1,211	825	386	8
1936.....	128,024	31,809	1,166	719	447	-50
1937.....	128,877	31,729	1,160	872	288	90
1938.....	129,818	31,819	1,025	823	202	240
1939.....	(⁶)	32,059				

¹ Unless otherwise stated, these data are revised estimates based on information furnished by farm families to the Bureau of Agricultural Economics, adjusted to the trends indicated by the census data of 1920, 1930, and 1935.

² Except for 1910 and 1920, these are estimates by the Bureau of the Census.

³ Census enumerations as of Apr. 15, 1910, Jan. 1, 1920, and Jan. 1, 1935.

⁴ Estimated by the Bureau of the Census.

⁵ Net movement to farms during the year, a reversal of the earlier trend.

⁶ Estimate not available when this publication went to press.

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TABLE 623.—Total population and farm population for the major geographic divisions, Jan. 1, 1930-39, annual movement to and from farms, and annual net change in the farm population, 1930-38¹

Division and year	Total population Jan. 1 ²	Farm population					Net change in farm popu- lation during the year
		Number on Jan. 1	Persons who during the year—		Net movement dur- ing the year from—		
			Left farms for cities	Arrived at farms from cities	Farm to city	City to farm	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
New England:							
1930.....	8,148	568	50	64	-----	14	63
1931.....	8,225	631	47	61	-----	14	29
1932.....	8,282	660	33	56	-----	23	38
1933.....	8,335	698	26	32	-----	6	15
1934.....	8,389	713	32	27	5	-----	-1
1935.....	8,463	³ 712	36	29	7	-----	-4
1936.....	8,543	708	34	33	1	-----	1
1937.....	8,590	709	26	37	-----	11	13
1938.....	(⁴)	722	30	34	-----	4	7
1939.....	(⁴)	729	-----	-----	-----	-----	-----
Middle Atlantic:							
1930.....	26,196	1,692	96	130	-----	34	59
1931.....	26,466	1,751	90	101	-----	11	33
1932.....	26,658	1,784	88	139	-----	51	66
1933.....	26,830	1,850	70	95	-----	25	43
1934.....	27,010	1,893	58	64	-----	6	11
1935.....	27,183	³ 1,904	88	61	27	-----	-4
1936.....	27,330	1,900	68	51	17	-----	-13
1937.....	27,442	1,887	68	68	0	0	9
1938.....	(⁴)	1,896	58	69	-----	11	26
1939.....	(⁴)	1,922	-----	-----	-----	-----	-----
East North Central:							
1930.....	25,277	4,442	246	259	-----	13	66
1931.....	25,354	4,508	211	236	-----	25	75
1932.....	25,399	4,583	231	293	-----	62	112
1933.....	25,430	4,695	188	181	7	-----	55
1934.....	25,462	4,750	150	112	38	-----	19
1935.....	25,545	³ 4,769	190	139	51	-----	21
1936.....	25,656	4,790	187	135	52	-----	-13
1937.....	25,780	4,777	186	142	44	-----	3
1938.....	(⁴)	4,780	150	143	7	-----	38
1939.....	(⁴)	4,818	-----	-----	-----	-----	-----
West North Central:							
1930.....	13,274	5,030	375	283	92	-----	-25
1931.....	13,377	5,065	298	300	-----	2	64
1932.....	13,456	5,069	291	306	-----	15	80
1933.....	13,526	5,149	175	125	50	-----	13
1934.....	13,601	5,162	204	90	114	-----	-54
1935.....	13,678	³ 5,108	212	108	104	-----	-67
1936.....	13,748	5,041	217	90	127	-----	-101
1937.....	13,802	4,940	231	96	135	-----	-113
1938.....	(⁴)	4,827	178	110	68	-----	-4
1939.....	(⁴)	4,823	-----	-----	-----	-----	-----
South Atlantic:							
1930.....	15,734	5,864	207	172	35	-----	83
1931.....	15,991	5,947	196	170	26	-----	91
1932.....	16,192	6,038	180	178	2	-----	93
1933.....	16,387	6,131	207	138	69	-----	9
1934.....	16,589	6,140	151	109	42	-----	64
1935.....	16,796	³ 6,204	162	139	23	-----	71
1936.....	16,897	6,275	174	98	76	-----	39
1937.....	17,173	6,314	151	128	23	-----	62
1938.....	(⁴)	6,376	168	117	51	-----	39
1939.....	(⁴)	6,415	-----	-----	-----	-----	-----
East South Central:							
1930.....	9,854	5,052	177	169	8	-----	84
1931.....	10,003	5,136	151	153	-----	2	94
1932.....	10,123	5,230	159	191	-----	32	127
1933.....	10,234	5,357	193	105	88	-----	-35
1934.....	10,353	5,322	142	75	67	-----	13
1935.....	10,469	³ 5,335	161	109	52	-----	42
1936.....	10,571	5,377	129	94	35	-----	53
1937.....	10,680	5,430	134	108	26	-----	75
1938.....	(⁴)	5,505	121	113	8	-----	83
1939.....	(⁴)	5,588	-----	-----	-----	-----	-----

See footnotes at end of table.

TABLE 623.—Total population and farm population for the major geographic divisions, Jan. 1, 1930-39, annual movement to and from farms, and annual net change in the farm population, 1930-38¹—Continued

Division and year	Total population Jan. 1 ²	Farm population					
		Number on Jan. 1	Persons who during the year—		Net movement during the year from—		Net change in farm population during the year
			Left farms for cities	Arrived at farms from cities	Farm to city	City to farm	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
West South Central:							
1930.....	12,146	5,275	378	204	114	—	26
1931.....	12,282	5,249	346	305	41	—	50
1932.....	12,386	5,290	233	308	—	75	165
1933.....	12,479	5,464	235	157	78	—	49
1934.....	12,577	5,415	199	131	68	—	27
1935.....	12,671	5,388	221	138	83	—	44
1936.....	12,752	5,344	222	112	110	—	62
1937.....	12,850	5,282	212	146	66	—	9
1938.....	(4)	5,291	197	126	71	—	14
1939.....	(4)	5,305	—	—	—	—	—
Mountain:							
1930.....	3,700	1,122	123	113	10	—	18
1931.....	3,709	1,140	86	97	—	11	43
1932.....	3,717	1,183	131	121	10	—	19
1933.....	3,724	1,202	69	47	22	—	5
1934.....	3,731	1,207	72	43	29	—	19
1935.....	3,742	1,188	81	42	39	—	24
1936.....	3,754	1,164	79	42	37	—	21
1937.....	3,777	1,143	75	48	27	—	12
1938.....	(4)	1,131	60	47	13	—	10
1939.....	(4)	1,141	—	—	—	—	—
Pacific:							
1930.....	8,168	1,124	171	157	14	—	6
1931.....	8,280	1,130	141	123	18	—	5
1932.....	8,366	1,125	165	185	—	20	22
1933.....	8,442	1,147	62	64	—	2	21
1934.....	8,522	1,168	43	40	—	6	25
1935.....	8,605	1,193	60	60	0	0	17
1936.....	8,683	1,210	56	64	—	8	37
1937.....	8,783	1,247	77	99	—	22	44
1938.....	(4)	1,291	63	64	—	1	27
1939.....	(4)	1,318	—	—	—	—	—

¹ Unless otherwise stated, these data are revised estimates based on information furnished by farm families to the Bureau of Agricultural Economics, adjusted to the trends indicated by the census data of 1930 and 1935.

² Estimates by the Bureau of the Census.

³ Census enumeration as of Jan. 1, 1935.

⁴ Division estimates not made by the Bureau of the Census for this year.

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TABLE 624.—Farm population: Totals by States, 1910, 1920, 1930, and 1935

State and division	Jan. 1, 1935 ¹	Apr. 1, 1930 ¹	Jan. 1, 1920 ¹	1910 ²
Maine.....	184,697	170,995	197,601	246,984
New Hampshire.....	76,007	62,850	76,021	101,503
Vermont.....	122,655	112,904	125,263	142,372
Massachusetts.....	163,219	123,255	118,554	140,413
Rhode Island.....	21,751	16,477	15,136	30,297
Connecticut.....	143,157	86,770	93,302	112,124
New England.....	711,486	573,251	625,877	763,693
New York.....	784,483	719,029	800,747	921,656
New Jersey.....	144,368	131,096	143,708	165,456
Pennsylvania.....	975,082	856,694	943,334	1,030,050
Middle Atlantic.....	1,903,933	1,707,719	1,892,789	2,137,162
Ohio.....	1,127,405	1,013,229	1,139,329	1,244,769
Indiana.....	852,994	813,007	907,295	997,243
Illinois.....	1,017,650	999,240	1,098,262	1,219,237
Michigan.....	840,514	782,394	848,710	911,555
Wisconsin.....	930,515	881,054	920,037	902,303
East North Central.....	4,769,078	4,488,933	4,913,633	5,275,107
Minnesota.....	928,487	895,349	897,181	833,131
Iowa.....	967,979	977,906	984,799	1,052,815
Missouri.....	1,183,499	1,114,484	1,211,846	1,351,669
North Dakota.....	385,614	387,294	394,500	369,212
South Dakota.....	358,204	390,205	363,221	370,820
Nebraska.....	580,694	585,701	584,172	631,467
Kansas.....	703,743	707,196	737,377	830,197
West North Central.....	5,108,220	5,068,135	5,171,596	5,439,151
Delaware.....	48,558	46,530	51,212	58,355
Maryland.....	241,596	237,456	279,225	297,432
District of Columbia.....	532	435	894	951
Virginia.....	1,053,469	950,757	1,064,417	1,065,059
West Virginia.....	561,919	449,114	477,924	543,766
North Carolina.....	1,623,481	1,599,918	1,501,227	1,408,580
South Carolina.....	948,435	916,471	1,074,693	970,334
Georgia.....	1,405,944	1,418,514	1,685,213	1,693,899
Florida.....	319,658	278,981	281,893	273,397
South Atlantic.....	6,203,592	5,898,176	6,416,698	6,211,683
Kentucky.....	1,307,816	1,176,524	1,304,862	1,285,920
Tennessee.....	1,308,420	1,215,452	1,271,708	1,278,032
Alabama.....	1,386,074	1,340,277	1,335,885	1,382,754
Mississippi.....	1,332,981	1,362,843	1,270,482	1,344,307
East South Central.....	5,335,291	5,095,096	5,182,937	5,291,013
Arkansas.....	1,180,238	1,119,464	1,147,049	1,106,815
Louisiana.....	859,351	830,606	786,050	732,016
Oklahoma.....	1,015,562	1,024,070	1,017,327	1,022,016
Texas.....	2,332,693	2,352,272	2,277,773	2,293,474
West South Central.....	5,387,844	5,326,412	5,228,199	5,154,321
Montana.....	195,262	204,594	225,667	111,273
Idaho.....	198,983	188,365	200,902	147,636
Wyoming.....	74,507	73,152	67,306	52,264
Colorado.....	276,198	282,827	266,073	302,857
New Mexico.....	189,358	158,631	161,446	183,539
Arizona.....	100,083	98,996	90,560	84,599
Utah.....	138,242	115,713	140,249	122,255
Nevada.....	15,885	16,441	16,164	13,321
Mountain.....	1,188,018	1,138,718	1,168,367	917,744
Washington.....	335,840	304,737	283,382	259,989
Oregon.....	248,767	223,667	214,021	210,128
California.....	608,838	620,506	516,770	416,969
Pacific.....	1,193,445	1,148,910	1,014,173	887,086
United States.....	31,800,907	30,445,350	31,614,269	32,076,960

¹ Enumerated by the Bureau of the Census.² Estimated by the Bureau of the Census; based on the number of farms in 1910, average farm population per farm in 1920, and change in the average number of persons per family in the rural population between 1910 and 1920.

Bureau of Agricultural Economics.

TABLE 625.—Farm tractors manufactured and sold in the United States, 1909-37

Year	Manufactured					Sold in the United States				
	Wheel and track-laying types			Garden tractors ²	Motor cultivators ²	Wheel and track-laying types			Garden tractors ²	Motor cultivators ²
	Wheel ¹	Track-laying	Total			Wheel	Track-laying	Total		
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1909			2,000							
1910			4,000							
1911			7,000							
1912			11,500							
1913			7,000							
1914			15,000							
1915			21,000							
1916			29,670						27,819	
1917			62,742						49,504	
1918			132,697						96,470	
1919			164,590						136,162	
1920			203,207		1,120				162,988	865
1921			68,029	5,169	1,611					1,602
1922	94,607	4,187	98,794	898	1,560	96,426	3,666	100,092	1,100	1,152
1923	112,906	5,002	131,908	2,682	1,994	110,690	4,350	115,040	2,661	2,384
1924	112,226	4,612	116,838	2,605		92,232	4,407	96,639	2,372	
1925	158,037	6,060	164,097		3,456	114,160	4,579	118,739		3,259
1926	170,302	7,772	178,074		3,921	116,929	6,011	122,940		3,785
1927	184,594	10,310	194,913		5,591	147,123	8,720	155,843		4,704
1928	152,266	19,203	171,469		4,465	86,930	12,890	99,820		4,073
1929	195,980	27,101	223,081		5,895	136,310	19,000	155,310		4,732
1930	176,075	20,222	196,297		6,161	113,160	15,105	128,265		4,484
1931	61,940	7,089	69,029	2,675		(*)				
1932 ³										
1933 ⁴										
1934 ⁵										
1935	138,064	18,774	156,858	4,273		118,667	14,181	132,848	4,202	
1936	193,947	27,299	221,246	5,939		158,444	20,792	179,236	5,737	
1937	237,837	34,602	272,439	10,716		216,169	21,449	237,618	9,752	

¹ Wheel tractors segregated after 1931. All-purpose tractors manufactured: 1931, 25,831; 1935, 106,343; 1936, 154,879; 1937, 183,958.

² Motor cultivators were not shown in 1924; combined with garden tractors, 1925-30. Small units were listed as garden tractors in 1931, 1935, and 1936.

³ Total number of wheel-type tractors manufactured in 1924 changed in the 1925 census report by addition of 38 tractors.

⁴ Census was not taken.

⁵ Revised from 4,254 in 1938 Agricultural Statistics, table 560.

Bureau of Agricultural Engineering. Compiled as follows: Figures for 1909-15 estimated and probably include some steam tractors; 1916-20 data collected by Department of Agriculture (U. S. Dept. Agr. Circ. No. 212); 1921-37 data collected by U. S. Department of Commerce. Census reports give number of tractors on farms in the United States as follows: 1920, 246,083; 1925, 505,933; 1930, 920,021; 1935 report includes no data on tractors.

TABLE 626.—Selected farm machinery: Number manufactured in the United States, 1920-37

Year	Corn binders	Corn pickers (field)	Silage cutters	Grain binders	Grain threshers	Combines (harvest-or-threshers)	Manure spreaders	Tractor cultivators ¹
	Number	Number	Number	Number	Number	Number	Number	Number
1920	40,793	2,682	27,004	139,372	22,159	3,627	103,036	1,120
1921	6,773	4,483	12,251	72,314	14,451	5,027	44,145	1,611
1922	9,638	(²)	15,463	38,332	8,237	2,846	24,023	1,560
1923	15,719	(²)	12,846	62,764	13,311	4,012	36,548	1,994
1924	17,267	(²)	10,582	55,731	9,792	5,828	34,410	(²)
1925	20,829	(²)	8,771	42,405	13,665	5,131	53,839	1,698
1926	26,449	(²)	8,857	79,155	17,116	11,760	68,989	10,397
1927	21,423	6,193	9,247	71,091	15,571	18,307	67,322	10,211
1928	21,174	11,377	9,317	67,099	18,428	25,392	62,559	12,863
1929	16,246	8,630	8,065	65,069	13,812	36,957	61,000	34,633
1930	13,566	12,352	6,749	46,166	8,635	24,409	47,722	56,250
1931	(²)	3,243	3,156	15,356	3,954	5,907	19,707	15,631
1932 ³								
1933 ⁴								
1934 ⁵								
1935	19,290	1,845	7,294	47,680	4,619	3,872	31,462	54,519
1936	19,364	4,952	12,850	66,970	5,622	16,983	61,957	115,957
1937	16,094	13,586	10,197	32,295	4,990	7,203	60,057	127,188

¹ Row cultivators tractor-drawn or mounted, beet or field cultivators not included.

² Total number of manure spreaders manufactured in 1926 changed 1927 report by subtraction of 400 units.

³ Not shown in census report.

⁴ Including rice binders: 1935, 540; 1936, 951; 1937, 1036.

⁵ Census was not taken.

⁶ Including rice and alfalfa threshers.

⁷ Includes 16,596 6-foot and under.

Bureau of Agricultural Engineering. Compiled as follows: 1920 data collected by Department of Agriculture (U. S. Dept. Agr. Circ. No. 212); 1921-37 data collected by U. S. Department of Commerce.

TABLE 627.—Farm equipment and related products manufactured and sold: Value by classes, United States, 1920-37

Year	Sold in United States															Power group 1 dollars
	Total sold for export dollars	Total dollars	Plows and listers dollars	Harrows, rollers, and pul- verizers dollars	Planting machin- ery dollars	Cultiva- tors and weedeers dollars	Harvest- ing ma- chinery dollars	Haying machin- ery dollars	Machines for pre- paring crops for market or use dollars	Tractor and trac- tion engines dollars	Horse- drawn vehicles dollars	Barn and barnyard equip- ment dollars	Miscel- laneous dollars			
1920	536,945	66,626	471,442	37,699	20,636	21,612	17,296	30,026	19,667	34,749	105,799	40,929	4,437	82,429	242,174	
1921	328,041	(¹)	9,071	9,071	7,488	5,870	6,545	8,977	6,776	15,032	(¹)	(¹)	(¹)	(¹)	(¹)	
1922	209,640	21,663	222,908	11,215	5,472	5,241	5,571	11,242	8,331	19,873	53,861	13,410	4,306	83,886	81,406	
1923	364,854	40,349	311,976	20,086	10,340	9,250	13,179	17,032	14,017	22,918	77,418	23,156	9,635	94,938	108,914	
1924	432,367	451,998	277,925	17,651	8,596	12,966	13,432	14,849	12,158	41,987	74,063	15,408	6,369	82,446	102,964	
1925	439,412	65,324	340,271	20,002	10,174	19,121	17,234	23,468	12,247	27,617	92,507	17,457	8,889	91,555	133,870	
1926	461,399	75,993	364,751	23,737	13,546	24,490	17,041	29,161	12,858	25,445	105,002	11,965	8,563	92,942	149,872	
1927	460,881	71,946	391,849	22,676	12,327	22,882	13,066	38,523	14,550	28,948	131,667	8,961	9,158	88,491	133,351	
1928	524,255	93,156	402,872	26,436	12,870	24,357	16,354	58,641	15,700	33,439	122,261	9,406	10,950	94,438	138,562	
1929	606,022	112,577	493,091	35,453	13,690	21,611	23,586	58,645	17,081	24,323	122,261	9,406	10,950	94,438	138,562	
1930	477,012	98,577	432,191	28,463	13,588	21,040	43,729	42,030	17,060	18,862	133,055	8,754	8,381	51,239	226,608	
1931	214,391	(¹)	248,979	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	
1932 ²	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	
1933 ³	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	
1934 ⁴	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	
1935	434,210	24,185	402,259	17,127	8,221	14,663	11,366	25,461	14,708	14,630	123,433	7,578	(¹)	56,869	157,392	
1936	487,273	37,045	409,090	22,523	11,598	20,692	16,731	29,605	15,928	10,988	171,851	7,755	(¹)	76,285	228,231	
1937	580,048	64,095	507,147	28,760	14,507	25,482	20,256	50,537	17,028	21,179	214,192	7,8,298	(¹)	89,080	283,257	

¹ Data include power equipment as follows: Tractors, tractor plows, combines, grain threshers, corn huskers and shredders, power hay presses, power feed grinders, farm engines, and power spraying pumps complete. Data for tractors in 1924 and 1925 based on revised figures.

² No data.

³ Farm equipment only.

⁴ Re figures from late reports.

⁵ No division of sales given.

⁶ Census was not taken.

⁷ Farm wagons and horse-drawn trucks only.

⁸ Included in miscellaneous.

⁹ Value of engines shown separately as follows: 1935, \$9,942,451; 1936, \$14,033,704; 1937, \$17,838,272.

Bureau of Agricultural Engineering. Compiled as follows: Figures for 1920 collected by Department of Agriculture (U. S. Dept. Agr. Circ. No. 212); 1921-37 data collected by U. S. Department of Commerce.

TABLE 628.—*Farm returns, 1929-37*
[Averages of reports of farm operators for their own farms for the calendar year]

[illegible]

TABLE 629.—Farm returns: Proportion of farmers obtaining net results within specified ranges, 1929-37

Item	United States												North Atlantic		East North Central		West North Central		South Atlantic		South Central		Western	
	1929		1930		1931		1932		1933		1934		1935		1936		1937		1938		1939		1940	
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Reports.....	11,805	6,228	7,437	6,383	6,855	7,626	2,939	2,974	2,551	206	189	400	425	685	743	303	326	474	625	226	243	520	230	594
Size of farms.....	270	264	249	233	234	248	220	235	257	137	132	151	151	300	360	154	148	171	169	171	169	171	169	171
Value of farm property, Jan. 1, per farm.....	15,242	15,165	13,204	9,981	9,276	9,676	9,536	11,121	11,108	9,337	9,058	12,945	12,908	13,845	14,266	7,386	7,477	6,902	6,520	15,353	18,117	15,353	18,117	15,353
do.....	1,268	538	154	66	516	624	817	823	879	1,003	726	1,209	1,038	609	917	628	645	635	628	1,256	1,522	1,256	1,522	1,256
Net result per farm.....	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Proportion with net results of—																								
\$5,000 or more.....	2.94	1.03	0.27	0.07	0.64	0.81	1.12	1.36	1.25	0.97	1.06	1.18	0.75	0.97	0.83	0.61	1.27	0.80	3.54	6.17	3.54	6.17	3.54	6.17
\$5,000 to \$4,999.....	6.24	2.37	0.63	1.18	1.28	1.86	2.72	4.13	3.22	5.82	1.06	7.25	4.94	3.91	4.31	1.98	6.1	1.44	6.10	6.58	6.1	6.10	6.58	6.1
\$2,500 to \$2,499.....	4.25	1.96	0.63	2.5	1.88	1.42	1.80	2.15	2.70	2.43	5.29	3.25	3.29	2.11	3.37	1.98	1.53	1.05	1.28	2.66	2.88	1.53	1.05	
\$2,500 to \$2,499.....	6.01	3.20	0.90	3.6	1.85	2.88	3.51	3.56	3.61	4.85	3.17	5.00	3.53	2.71	4.85	3.96	2.15	1.27	2.56	6.04	4.94	2.15	1.27	
\$1,500 to \$1,499.....	10.35	6.38	2.14	5.97	3.28	5.15	7.08	6.38	6.70	9.22	6.88	10.00	8.94	7.97	7.40	2.31	5.52	2.63	4.96	6.19	6.58	2.31	5.52	
\$1,500 to \$1,499.....	14.89	9.41	4.65	2.57	7.82	9.52	11.71	10.20	12.39	14.08	14.29	13.00	17.18	8.12	15.08	9.24	10.43	6.96	6.72	15.93	11.52	8.12	15.08	
\$500 to \$499.....	22.63	17.23	14.84	9.80	19.18	20.31	22.76	19.35	25.32	22.82	21.16	24.75	28.94	13.68	25.03	22.11	26.38	19.53	24.64	18.58	23.46	19.53	24.64	
\$500 to \$499.....	24.76	29.93	39.77	43.08	49.02	39.66	40.26	35.45	34.38	28.16	32.80	27.50	26.82	30.98	25.70	45.88	43.56	51.48	48.64	21.68	26.34	43.56	51.48	
\$30 to \$499.....	6.37	19.76	23.52	33.38	14.27	14.08	7.96	14.38	8.90	10.19	13.76	6.25	4.24	23.00	10.63	11.55	8.59	13.71	8.90	12.39	8.64	8.59	13.71	
\$30 to \$499.....	1.01	5.54	6.87	6.00	1.83	3.02	2.78	1.76	1.14	1.46	1.06	.50	.70	3.76	2.42	.83	.31	.42	.16	3.10	1.65	.31	.42	
-\$500 to -\$999.....	.56	4.19	6.78	3.28	.95	1.28	.27	1.28	.39	-----	.53	.25	.24	3.01	.64	.31	-----	-----	-----	-----	-----	-----	-----	-----
-\$1,000 or more.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
All farms reporting.....																								

Bureau of Agricultural Economics.

The reports are those tabulated in table 628. For distribution by geographical divisions in earlier years see 1932 Yearbook, table 400; 1934 Yearbook, table 463; 1936 Agricultural Statistics, table 447; and 1938 Agricultural Statistics, table 552.

Receipts for 1934, 1935, 1936, and 1937 include rental and benefit payments received from the Agricultural Adjustment Administration. The sums were roughly divided between crops and livestock, 1934, 1935, and 1936; and 1937.

The average amounts were in 1934, 1935, and 1936, respectively: \$100, \$109, and \$86; North Atlantic, \$13, \$10, and \$83; East North Central, \$80, \$81, and \$109; West North Central, \$70, \$74, and \$128; South Atlantic, \$60, \$65, and \$61; South Central, \$118, \$141, and \$77; Western, \$89, \$159, and \$106. In 1937 the Government payments were all included in miscellaneous. United States, \$65; North Atlantic, \$32; East North Central, \$67; West North Central, \$159; South Atlantic, \$57; South Central, \$85; and Western, \$138.

Average for those farmers that reported the item.

Minus sign (-) shows decrease.

No data; question not asked.

Bureau of Agricultural Economics. Compiled from reports of individual farms operated by their owners. Divisions averaged for 1929 and 1930 in 1932 Yearbook, table 438; 1931 and 1932 in 1934 Yearbook, table 444; 1933 and 1934 in Agricultural Statistics 1935, table 446; and for 1935 and 1936 in Agricultural Statistics, 1938, table 561.

TABLE 630.—Corn, wheat, and oats: Estimated cost of production in 1937 and the estimated cost per bushel on a 10-year average yield basis¹

[illegible]

OATS:													
Eastern:													
North Carolina ¹	2,972	25.9	5.00	4.45	.95	3.09	1.88	2.82	4.30	22.49	3.07	15.12	19.42
South Carolina ¹	1,316	21.1	2.30	3.17	.84	1.83	1.42	2.06	3.02	14.64	1.23	10.36	13.41
Ohio and Indiana ¹	2,729	29.9	2.47	3.68	.67	.82	1.42	2.16	4.53	15.75	1.33	9.89	14.42
Michigan, Wisconsin, and Minnesota ¹	7,943	35.1	3.17	3.72	.86	.72	1.60	2.33	3.83	16.23	1.51	10.89	14.72
Illinois and Iowa ¹	9,320	45.2	1.66	3.48	.92	.34	1.72	2.02	5.64	15.78	1.25	8.89	14.53
Missouri, Nebraska, Kansas, South Dakota, and North Dakota ¹	7,539	23.3	1.85	2.83	.60	.26	1.36	2.26	2.86	12.02	1.01	8.15	11.01
Southwestern ¹	2,797	22.3	2.16	2.60	.76	.14	1.23	1.95	2.80	11.64	.63	8.21	11.01
Western ¹	1,161	34.4	3.89	4.09	1.13	.63	1.43	4.38	4.42	19.97	1.12	14.43	18.85
United States.....	35,079	32.7	2.46	3.41	.81	.68	1.54	2.28	4.09	15.27	1.33	9.85	13.94

¹ Preliminary estimates. States grouped mainly on a basis of production practices and yields. In computing averages were weighted by acreage harvested.

² Includes charges for water for irrigation, twine and sacks, crop insurance, use of implements, use of storage buildings, overhead, including a small amount of miscellaneous labor, and a charge for expenses incurred on acreage abandoned because of crop failure.

³ Includes a charge for rent on the acreage not harvested because of crop failure.

⁴ Estimated costs in 1937 if yields and acre abandonment had been the average of 1927-36. The average United States yield per acre harvested in that period was for corn 23.4 bushels, for wheat 13.5 bushels, and for oats 27.1 bushels.

⁵ Includes the 9 New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

⁷ Includes the States of North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

⁸ Includes the States of Arkansas, Louisiana, Oklahoma, and Texas.

⁹ Includes the States of Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

¹⁰ Includes the 6 New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, and Kentucky.

¹¹ Includes the States of North Carolina, South Carolina, Georgia, Tennessee, Alabama, and Arkansas.

¹² Includes the States of Idaho, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics.

REGION:	5,471	301	4,26	5,94	8,32	4,78	1,22	2,33	3,33	4,12	34,30	4,82	25,36	29,48	8,4	9,8	12,6
Coastal Plain ¹	2,922	285	4,71	5,82	7,46	5,32	1,20	1,78	3,32	4,61	34,32	4,83	24,98	29,49	8,6	10,3	12,0
Piedmont ²	3,143	341	4,34	5,89	9,52	3,34	1,14	2,69	3,10	4,59	34,81	5,24	24,78	29,37	7,3	8,6	11,3
Eastern hilly areas ³	3,645	443	4,16	6,83	14,70	1,03	1,86	4,85	3,71	6,55	43,19	8,01	28,63	35,18	6,5	7,9	10,5
Western hilly areas ⁴	6,154	208	3,87	5,41	6,02	1,20	1,16	2,20	2,63	3,97	26,76	3,25	19,54	23,51	9,4	11,3	14,0
Gulf coast, prairie and Texas	5,583	187	2,94	4,32	5,02	.26	1,15	2,13	2,79	5,37	23,98	2,95	15,66	21,03	8,4	11,2	12,8
Black prairie ⁵	5,800	218	2,65	3,19	5,99	.06	.99	2,73	2,31	3,87	21,79	3,19	14,73	18,00	6,8	8,5	11,3
Western dry areas ⁶	1,253	561	6,75	6,09	21,13	.35	1,24	5,85	12,97	11,84	66,22	10,16	44,22	56,06	7,9	10,0	11,7
Irrigated areas ⁷																	
United States ⁸	33,971	279	3,82	5,20	8,15	1,93	1,16	2,73	3,39	4,88	31,26	4,53	21,85	26,73	7,8	9,6	12,4

¹ Preliminary estimates. In computing averages, data were weighted by acreage harvested.

² Obtained by dividing the production of lint in terms of 500-pound gross-weight bales by the acreage harvested.

³ Includes picking and spreading manure.

⁴ Includes picking and snapping cotton, hauling to gin, and hauling lint and cottonseed to local markets.

⁵ Includes miscellaneous labor, irrigation (including water), dusting, picking sacks and sheets, crop insurance, use of implements, use of storage buildings, overhead, and a charge for expenses incurred on acreage abandoned because of crop failure.

⁶ Estimated cost in 1937 of cotton yield and acreage abandonment had been the average of 1927-36. The average United States yield in that period was 188 pounds of lint (gross weight).

⁷ Includes the lower and upper coastal plain of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and the black prairie belt of Arkansas, Missouri, and Illinois.

⁸ Includes the rolling and hilly uplands of Virginia, North Carolina, South Carolina, Georgia, and Alabama, which border the Blue Ridge Mountains on the east and south.

⁹ Include Tennessee exclusive of Lake County, the hilly cotton lands of northern Mississippi, northern Alabama, and northern Georgia, and western North Carolina.

¹⁰ Include the principal bottom lands of the Mississippi, the Arkansas, and the Red Rivers.

¹¹ Include the hilly lands of Arkansas, Louisiana, southern Missouri, eastern Texas, and eastern Oklahoma.

¹² Include the gulf-coast prairie of Texas and Louisiana, and the black waxy prairie of Texas.

¹³ Include the dry-land areas of western Oklahoma, western Texas, and eastern New Mexico.

¹⁴ Include the irrigated cotton lands of California, Arizona, New Mexico, and Texas.

¹⁵ Include the 16 States of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Missouri, Oklahoma, Texas, New Mexico, Arizona, and California, which produced 98.9 percent of the United States cotton crop of 1937.

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TABLE 632.—Index numbers of prices paid by farmers, 1910-38

[Calendar years 1910-14=100]

Year	Commodities used in production							Wage rates paid to hired labor	Commodities bought for family maintenance ¹	All commodities bought for use in production and family maintenance
	Feed	Farm machinery ¹	Fertilizer	Building materials for other than house	Equipment and supplies	Seed ²	All commodities bought for use in production			
1910.....	93	102	99	100	101	-----	98	97	98	98
1911.....	107	101	99	102	100	-----	103	98	100	101
1912.....	91	102	100	103	100	103	98	101	101	100
1913.....	107	98	102	101	100	97	102	103	100	101
1914.....	102	96	100	93	99	99	90	101	102	100
1915.....	100	100	112	102	106	120	104	103	107	105
1916.....	130	107	120	117	129	142	124	113	124	124
1917.....	184	126	137	137	156	149	151	141	147	149
1918.....	193	155	170	161	181	190	174	177	177	176
1919.....	211	161	182	189	180	280	192	207	210	202
1920.....	137	167	186	205	189	152	174	242	222	201
1921.....	97	156	156	156	152	134	141	155	161	152
1922.....	123	142	129	159	140	130	139	151	156	149
1923.....	134	146	126	161	136	142	141	169	160	152
1924.....	142	152	120	161	133	151	143	173	159	152
1925.....	141	153	129	164	140	172	147	176	164	157
1926.....	137	154	126	162	144	214	146	179	162	155
1927.....	138	154	121	160	141	197	145	179	159	153
1928.....	148	154	131	158	138	179	148	179	160	155
1929.....	145	153	130	159	136	185	147	180	158	153
1930.....	132	152	126	155	131	174	140	167	148	145
1931.....	93	150	115	139	116	152	122	130	126	124
1932.....	69	141	99	126	107	102	107	96	108	107
1933.....	79	137	96	129	103	95	108	85	100	109
1934.....	110	144	104	140	109	140	123	95	122	123
1935.....	111	143	102	145	108	154	126	103	124	125
1936.....	115	149	96	146	110	142	126	111	122	124
1937.....	126	154	102	156	114	192	135	126	128	130
1938.....	91	160	100	148	114	158	124	124	122	122

¹ Excluding tractors.² 1912-14=100.³ Includes food, clothing, household operating expenses, furniture and furnishings, and building materials for house.

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by retail dealers throughout the United States. The prices used in constructing the above index numbers of prices paid by farmers are for constant quantities and sizes, but are not adjusted for changes in quality. Over a period of years marked changes may occur in the quality of certain commodities. For example, a study by the American Society of Agricultural Engineers indicated an improvement in quality of farm machinery of about 70 percent between 1910-14 and 1932.

The index numbers include only commodities bought by farmers, the commodities being weighted according to purchases reported by actual farmers in farm-management and rural-life studies from 1924 to 1929.

TABLE 633.—Index numbers of prices received by farmers, by groups, United States, 1910-38

[August 1909-July 1914=100]

Year	Calendar year							Year beginning July						
	Grains	Cotton and cottonseed	Fruits	Dairy products	Chickens and eggs	Meat animals	All groups	Grains	Cotton and cottonseed	Fruits	Dairy products	Chickens and eggs	Meat animals	All groups
1910.....	104	113	101	99	104	103	102	95	114	103	96	95	94	98
1911.....	96	101	102	95	91	87	95	107	84	100	100	97	88	98
1912.....	106	87	94	102	100	95	100	93	93	95	104	97	104	98
1913.....	92	97	107	105	101	108	101	97	99	109	103	107	111	104
1914.....	102	85	91	102	106	112	101	120	69	74	104	103	108	98
1915.....	120	77	82	103	101	104	98	109	94	90	104	104	110	103
1916.....	126	119	100	109	116	120	118	172	148	111	120	137	143	146
1917.....	217	187	118	135	155	174	175	230	229	146	148	168	193	192
1918.....	227	245	172	163	186	203	202	227	233	179	175	197	211	206
1919.....	233	247	178	186	209	207	213	248	285	196	196	219	191	228
1920.....	232	248	191	198	223	174	211	165	140	151	178	193	140	157
1921.....	112	101	157	156	162	109	125	103	129	188	144	151	108	128
1922.....	106	156	174	143	141	114	132	110	194	147	152	144	111	138
1923.....	113	216	137	159	146	107	142	112	225	121	158	144	105	142
1924.....	129	212	125	149	149	110	143	156	189	153	145	160	126	149
1925.....	157	177	122	153	163	140	156	142	151	163	154	160	146	154
1926.....	131	122	138	152	159	147	145	125	106	121	154	152	143	136
1927.....	128	128	144	155	144	140	139	135	154	182	155	148	142	147
1928.....	130	152	176	158	153	151	149	118	150	142	159	158	158	146
1929.....	120	144	141	157	162	156	146	117	130	168	147	154	150	143
1930.....	100	102	162	137	129	133	126	82	79	126	122	109	112	104
1931.....	63	63	98	108	100	92	87	52	48	86	96	89	73	73
1932.....	44	47	82	83	82	63	65	43	51	75	78	80	60	62
1933.....	62	64	74	82	75	60	70	79	83	89	90	80	62	81
1934.....	93	99	100	95	89	68	90	109	106	96	106	106	92	103
1935.....	103	101	91	108	117	118	108	92	96	92	110	116	122	107
1936.....	108	100	100	119	115	121	114	136	108	120	123	112	126	125
1937.....	126	95	122	124	111	132	121	95	73	90	119	109	124	105
1938.....	74	70	73	109	108	114	95	-----	-----	-----	-----	-----	-----	-----

Bureau of Agricultural Economics.

TABLE 634.—Index numbers of prices received by farmers, by groups and months, United States, 1929-39¹

[August 1900-July 1914=100]

Group and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Grains:													
1929	114	122	123	119	112	110	121	128	130	128	117	119	120
1930	118	115	107	110	-05	105	91	100	99	91	79	80	100
1931	76	75	73	74	73	67	57	53	50	46	58	53	63
1932	52	52	52	51	49	45	43	44	42	37	35	34	44
1933	35	34	36	47	63	63	94	81	78	69	75	73	62
1934	76	79	79	77	78	89	91	106	112	109	109	116	93
1935	115	114	111	115	112	102	96	96	97	101	90	89	103
1936	92	92	92	89	88	87	109	129	130	128	127	134	108
1937	143	146	145	154	149	139	139	119	111	93	85	86	126
1938	91	89	85	82	79	77	72	62	63	60	60	63	74
1939	66	66	66	67	72								
Cotton and cottonseed:													
1929	147	148	154	152	148	146	145	146	146	141	132	130	144
1930	128	121	113	120	119	115	99	94	83	76	79	73	102
1931	72	76	80	78	74	65	71	53	47	42	50	45	63
1932	45	47	50	46	42	37	41	51	67	51	47	43	47
1933	45	44	48	49	65	69	84	71	69	71	76	77	64
1934	82	93	94	94	90	94	99	107	110	107	107	109	99
1935	108	108	102	103	105	103	102	97	90	94	99	98	101
1936	95	94	93	96	96	96	105	103	106	104	103	105	100
1937	107	108	116	117	112	107	106	90	74	67	65	64	95
1938	66	68	70	71	71	68	71	69	69	72	73	70	70
1939	71	70	71	70	72								
Fruits:													
1929	126	120	121	123	132	146	151	157	156	158	145	158	141
1930	154	157	166	187	214	210	195	169	159	132	110	97	162
1931	99	99	104	109	116	118	110	88	94	88	75	74	98
1932	73	76	80	86	93	93	90	74	83	83	74	73	82
1933	70	64	65	69	74	86	81	74	78	77	70	74	74
1934	86	87	97	96	110	137	113	101	83	98	94	85	100
1935	87	90	90	105	98	100	98	87	82	82	83	92	91
1936	89	92	94	89	103	115	117	108	105	104	97	93	100
1937	105	127	133	142	152	157	145	123	121	99	88	76	122
1938	70	68	69	68	77	73	79	78	75	70	71	73	73
1939	76	78	81	82	85								
Commercial truck crops:													
1929	166	143	146	147	126	136	161	155	146	145	159	166	149
1930	188	185	172	150	121	115	107	139	146	124	120	114	140
1931	117	120	108	118	111	83	98	105	134	143	137	136	117
1932	133	143	152	147	111	86	79	64	72	69	80	89	102
1933	91	96	92	74	89	111	102	95	147	123	127	114	105
1934	102	101	79	98	89	80	102	108	133	110	107	130	103
1935	123	181	175	133	111	91	92	89	105	131	142	130	125
1936	114	112	83	99	92	105	114	126	153	121	118	92	111
1937	123	150	145	118	118	112	95	102	127	136	153	112	123
1938	105	111	101	98	88	92	99	92	107	107	102	106	101
1939	96	108	114	102	110								
Meat animals:													
1929	146	154	160	164	164	163	167	164	156	150	144	143	156
1930	147	150	150	146	142	141	126	119	128	123	118	112	133
1931	111	105	106	105	99	90	92	92	86	78	76	68	92
1932	68	65	69	66	59	57	72	69	67	60	57	52	63
1933	51	53	56	57	65	66	66	64	62	64	59	52	60
1934	55	65	66	64	64	64	66	68	82	74	72	73	68
1935	96	105	117	117	115	119	116	129	131	123	117	130	118
1936	122	125	122	125	118	120	119	123	122	120	118	122	121
1937	128	126	129	130	133	137	144	151	144	136	120	111	132
1938	110	110	117	114	111	116	123	115	117	111	111	109	114
1939	112	116	116	114	112								
Dairy products:													
1929	163	163	163	160	156	153	162	153	155	158	157	155	157
1930	146	142	139	141	139	131	129	134	139	140	138	129	137
1931	118	113	115	112	102	98	98	102	107	112	110	106	108
1932	97	91	89	86	80	74	74	78	80	81	81	84	83
1933	81	74	71	72	78	80	88	85	89	91	92	88	82
1934	84	92	95	91	91	92	93	97	98	100	105	107	95
1935	112	121	114	117	107	99	96	98	102	104	111	118	108
1936	120	123	118	114	106	106	116	125	128	125	126	127	119
1937	128	126	125	120	116	113	116	119	123	128	132	136	124
1938	128	121	117	110	103	98	101	102	104	107	109	112	109
1939	109	107	100	95	92								

See footnotes at end of table.

TABLE 634.—*Index numbers of prices received by farmers, by groups and months, United States, 1929-39*¹—Continued

[August 1909-July 1914=100]

Group and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Chickens and eggs:													
1929.....	163	161	149	135	141	147	149	155	168	181	198	200	162
1930.....	177	156	122	123	116	109	105	111	128	131	146	127	129
1931.....	112	84	96	95	83	86	88	97	102	111	124	120	100
1932.....	90	74	66	65	64	63	69	78	86	102	112	117	82
1933.....	95	60	56	58	65	58	69	69	78	93	102	94	75
1934.....	82	78	74	72	72	72	76	86	104	108	125	119	89
1935.....	114	119	97	105	110	108	107	111	126	132	140	135	117
1936.....	117	121	99	97	101	103	106	112	119	127	141	133	116
1937.....	110	101	102	104	96	95	102	109	119	127	135	127	111
1938.....	113	94	93	93	98	90	103	105	118	124	131	127	108
1939.....	97	91	88	87	85								
Miscellaneous farm products:													
1929.....	162	134	124	118	118	119	128	154	143	147	146	154	140
1930.....	157	143	140	142	143	142	129	119	121	112	107	114	131
1931.....	112	99	90	102	100	91	93	91	80	68	66	71	90
1932.....	69	64	66	65	63	58	61	73	66	62	61	70	67
1933.....	68	54	53	56	64	69	100	116	102	93	101	104	83
1934.....	94	98	98	96	92	90	94	125	129	137	123	113	108
1935.....	111	101	92	92	89	86	85	102	96	103	103	108	99
1936.....	112	94	91	94	97	120	131	152	141	133	133	168	121
1937.....	182	147	140	139	133	119	113	128	115	113	112	118	130
1938.....	114	97	89	86	82	84	87	90	98	107	95	108	98
1939.....	109	92	83	86	83								
All groups:													
1929.....	147	145	146	144	142	142	147	152	150	149	145	147	146
1930.....	145	140	135	136	134	131	120	118	120	113	110	104	126
1931.....	101	95	97	97	92	86	88	82	80	77	79	75	87
1932.....	71	68	69	67	63	59	63	65	66	64	62	63	65
1933.....	60	55	55	58	68	71	83	79	80	78	80	78	70
1934.....	77	83	84	82	82	85	87	96	103	102	101	101	90
1935.....	107	111	108	111	108	104	102	106	107	109	108	110	108
1936.....	109	109	104	105	103	107	115	124	124	121	120	126	114
1937.....	131	127	128	130	128	124	125	123	118	112	107	104	121
1938.....	102	97	96	94	92	92	95	92	95	95	94	96	95
1939.....	94	92	91	89	90								

¹ Figures prior to 1935 revised in 1934.

Bureau of Agricultural Economics. Prices of farm products received by farmers collected monthly from a list of about 12,000 special price reporters.

This list is made up almost entirely of country-town dealers, elevator managers, buyers, and merchants. The commodities by groups are as follows: Grains—wheat, corn, oats, barley, rye, rice (Louisiana); cotton and cottonseed; fruits—apples, oranges, lemons (California), grapefruit (Florida), pears; meat animals—cattle, calves, sheep, lambs, hogs; dairy products—milk (wholesale), milk (retail), butter, butterfat; chickens and eggs; miscellaneous—potatoes, sweetpotatoes, tobacco, peanuts, wool, flaxseed, beans (dry, edible), hay, horses, and mules; commercial truck crops—tomatoes, lettuce, cantaloups, onions, cabbage, celery, beans (snap), watermelons, asparagus, peas (green), cucumbers, spinach, carrots. These index numbers of commercial truck crops, as constructed, are adjusted for seasonal variation in that the index number for any month is a percentage of the 6 corresponding months in the base period and were not constructed in unadjusted form, nor in the adjusted form prior to January 1924.

Data for 1910-23 in 1935 Yearbook, table 472.

TABLE 635.—Index numbers of wholesale prices, by groups of commodities, United States, 1910-38¹

[Calendar years 1910-14=100]

Year	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and drugs	House furnishing goods	Miscellaneous	All commodities
1910.....	104	101	93	104	90	100	100	101	99	139	103
1911.....	94	96	91	99	89	95	100	100	96	99	95
1912.....	102	104	100	99	98	105	101	99	97	97	101
1913.....	100	100	106	102	116	106	103	99	103	85	102
1914.....	100	100	110	97	107	94	96	100	104	82	99
1915.....	100	101	117	96	98	101	97	138	103	79	102
1916.....	118	117	145	125	141	137	122	198	112	91	125
1917.....	181	162	192	175	200	177	160	203	136	111	172
1918.....	208	185	195	244	207	160	179	224	171	122	192
1919.....	221	201	270	240	198	154	209	193	194	126	202
1920.....	211	213	266	233	311	175	272	203	290	152	225
1921.....	124	140	169	168	184	138	176	142	207	99	142
1922.....	132	136	162	178	204	121	170	124	190	84	141
1923.....	138	144	162	198	185	128	197	124	200	91	147
1924.....	140	141	157	190	175	125	185	122	192	85	143
1925.....	154	155	163	192	183	121	184	125	189	99	151
1926.....	140	155	155	178	190	117	181	123	183	91	146
1927.....	139	150	167	170	168	113	172	119	179	83	139
1928.....	148	157	188	170	160	114	170	118	174	78	141
1929.....	147	155	169	161	158	118	173	116	173	75	139
1930.....	124	140	155	143	149	108	163	110	170	71	126
1931.....	91	116	134	118	128	99	144	98	156	63	107
1932.....	68	95	113	98	133	94	129	90	138	58	95
1933.....	72	94	125	115	126	94	140	89	139	57	96
1934.....	92	109	134	130	139	102	156	94	149	63	109
1935.....	111	130	139	126	140	101	155	99	148	62	117
1936.....	113	127	148	127	145	102	157	99	150	64	118
1937.....	121	133	162	136	147	112	172	103	164	71	126
1938.....	96	114	144	118	145	112	164	96	159	67	115

¹ Computed by reducing to a 1910-14 base the Bureau of Labor Statistics series, 1926=100; the index numbers for each group on the 1926 base are divided by the monthly averages for 1910-14. The averages used for each group are as follows: Farm products, 71.3; foods, 64.5; hides and leather products, 64.5; textile products, 56.3; fuel and lighting, 52.7; metals and metal products, 85.3; building materials, 55.2; chemicals and drugs, 81.2; house furnishing goods, 64.6; miscellaneous, 110.1; and all commodities, 68.5.

Bureau of Agricultural Economics.

TABLE 636.—Index numbers of wholesale prices, by specified groups and by months, United States, 1929-39

[Calendar years 1910-14=100]

Group and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Farm products:													
1929.....	148	148	150	147	143	145	151	151	150	146	142	143	147
1930.....	142	137	133	134	130	125	116	119	120	116	111	106	124
1931.....	102	98	99	98	94	92	91	89	85	82	82	78	91
1932.....	74	71	70	69	65	64	67	69	60	66	66	62	68
1933.....	60	57	60	62	70	75	84	81	80	78	79	78	72
1934.....	82	86	86	84	84	89	90	98	103	99	99	101	92
1935.....	109	111	110	113	113	110	108	111	112	110	109	110	111
1936.....	110	112	107	108	106	110	114	118	118	118	119	124	113
1937.....	128	128	132	129	126	124	125	121	120	113	106	102	121
1938.....	100	98	99	96	95	96	97	94	96	94	95	95	96
1939.....	94	94	92	89									
Other than farm products:													
1929.....	139	138	139	139	138	138	139	139	139	138	136	136	138
1930.....	134	133	132	132	130	128	125	125	125	123	121	119	127
1931.....	118	116	114	112	110	109	109	110	109	108	108	106	110
1932.....	104	103	103	102	101	100	101	102	102	101	100	98	101
1933.....	96	94	94	94	97	100	105	107	109	110	110	110	102
1934.....	111	113	113	113	114	114	114	115	116	115	115	115	114
1935.....	117	118	118	118	118	118	118	119	120	120	120	120	119
1936.....	120	120	119	119	117	118	119	120	120	120	121	123	120
1937.....	125	126	128	129	128	129	130	130	130	128	126	124	128
1938.....	123	121	121	120	119	119	120	119	119	118	118	117	119
1939.....	117	117	117	117									
All commodities:													
1929.....	140	139	140	139	138	139	141	141	140	139	136	136	139
1930.....	135	133	132	131	130	127	123	123	123	121	119	116	126
1931.....	114	112	111	109	107	105	105	105	104	103	102	100	107
1932.....	98	97	96	96	94	93	94	95	95	94	93	91	95
1933.....	89	87	88	88	92	95	101	102	103	104	104	103	96
1934.....	108	107	108	107	108	109	109	112	113	112	112	112	109
1935.....	115	116	116	117	117	116	116	118	118	118	118	118	117
1936.....	118	118	116	116	115	116	118	119	119	119	120	123	118
1937.....	125	126	128	128	128	127	128	128	128	126	122	119	126
1938.....	118	116	116	115	114	114	115	114	114	113	113	112	115
1939.....	112	112	112	111									

Bureau of Agricultural Economics. Computed by reducing to a 1910-14 base the Bureau of Labor Statistics series (1926=100); the index numbers for each group on the 1926 base are divided by the monthly averages for 1910-14. The averages used for each group are as follows: Farm products, 71.3; other than farm products, 67.5; all commodities, 68.5.

TABLE 637.—Farm wage rates, by States and geographic divisions, quarterly, 1938

State and division	Per month, with board				Per month, without board				Per day, with board ¹				Per day, without board ¹			
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Maine.....	26.75	28.25	30.75	26.50	32.90	33.50	47.00	45.50	1.85	1.85	1.85	1.65	2.16	2.20	2.20	2.25
New Hampshire.....	26.75	28.25	30.75	26.50	32.90	33.50	47.00	45.50	1.85	1.85	1.85	1.65	2.16	2.20	2.20	2.25
Vermont.....	26.75	28.25	30.75	26.50	32.90	33.50	47.00	45.50	1.85	1.85	1.85	1.65	2.16	2.20	2.20	2.25
New York.....	26.75	28.25	30.75	26.50	32.90	33.50	47.00	45.50	1.85	1.85	1.85	1.65	2.16	2.20	2.20	2.25
Massachusetts.....	33.00	32.75	34.50	31.50	37.75	39.25	61.50	58.75	1.80	1.70	1.90	1.90	2.63	2.60	2.70	2.70
Rhode Island.....	36.50	37.50	40.00	40.00	62.50	64.00	66.00	65.00	1.90	2.00	2.00	2.00	2.75	2.50	2.70	2.75
Connecticut.....	34.00	34.00	35.25	34.25	61.50	65.50	65.50	63.00	1.75	1.95	2.00	2.00	2.85	2.90	2.90	2.80
New England.....	31.22	31.83	33.40	31.83	53.55	55.66	57.23	55.13	1.71	1.73	1.84	1.84	2.54	2.55	2.62	2.58
New York.....	28.75	30.25	31.50	30.75	45.00	47.00	47.50	45.50	1.75	1.70	1.80	1.75	2.35	2.40	2.40	2.40
New Jersey.....	28.25	29.75	31.00	30.00	42.25	45.00	45.25	44.00	1.70	1.70	1.75	1.65	2.40	2.40	2.40	2.40
Pennsylvania.....	28.00	27.00	27.25	27.25	41.50	42.50	42.50	42.50	1.70	1.65	1.75	1.75	2.25	2.25	2.30	2.35
Middle Atlantic.....	27.83	29.18	30.05	29.42	44.58	46.01	46.50	45.83	1.72	1.69	1.79	1.78	2.32	2.32	2.37	2.39
Ohio.....	26.25	27.00	27.00	26.75	38.25	38.75	39.00	38.75	1.60	1.55	1.65	1.60	2.10	2.05	2.10	2.10
Indiana.....	26.75	27.25	27.75	27.75	38.25	38.00	38.25	38.75	1.60	1.50	1.55	1.55	1.95	1.85	2.05	2.00
Illinois.....	26.25	27.25	27.75	27.75	40.50	41.75	43.25	42.25	1.60	1.60	1.60	1.75	2.05	2.05	2.25	2.25
Michigan.....	26.25	27.25	27.75	27.75	40.50	41.75	43.25	42.25	1.60	1.60	1.60	1.75	2.05	2.05	2.25	2.25
Wisconsin.....	24.75	31.00	32.00	32.00	37.75	43.75	45.00	45.00	1.35	1.45	1.60	1.65	1.80	2.00	2.10	2.20
East North Central.....	26.70	29.11	29.91	29.74	39.10	41.03	41.91	41.98	1.54	1.53	1.66	1.65	2.04	2.02	2.16	2.16
Minnesota.....	21.00	31.00	33.75	32.50	34.50	44.50	46.25	45.00	1.35	1.60	1.75	1.90	2.00	2.30	2.45	2.50
Iowa.....	25.00	33.50	33.50	33.25	35.00	42.00	42.00	42.00	1.40	1.40	1.60	1.80	1.95	2.15	2.30	2.30
Missouri.....	21.75	32.00	33.00	32.00	36.50	40.50	41.00	40.50	1.30	1.40	1.50	1.50	1.35	1.35	1.50	1.50
North Dakota.....	19.00	28.00	29.00	28.25	31.75	36.25	36.25	36.25	1.15	1.15	1.30	1.45	1.40	1.40	1.50	1.50
South Dakota.....	22.00	25.25	27.75	25.75	32.50	35.50	38.00	38.00	1.20	1.30	1.40	1.45	1.70	1.75	2.05	2.00
Nebraska.....	22.50	23.25	26.75	25.00	33.50	35.25	37.50	38.00	1.25	1.30	1.60	1.45	1.75	1.80	2.10	1.95
Kansas.....	21.85	28.35	29.47	28.83	32.57	38.93	39.82	39.20	1.24	1.39	1.55	1.59	1.77	1.92	2.09	2.12
West North Central.....	22.75	25.00	25.00	25.00	36.00	37.75	38.50	37.00	1.45	1.40	1.40	1.65	1.90	1.90	1.90	2.00
Delaware.....	22.75	25.00	25.00	25.00	36.00	37.75	38.50	37.00	1.45	1.40	1.40	1.65	1.90	1.90	1.90	2.00
Maryland.....	21.00	27.00	27.00	27.00	31.00	30.00	30.00	30.00	1.35	1.35	1.35	1.35	1.40	1.40	1.40	1.40
Virginia.....	21.00	27.00	27.00	27.00	31.00	30.00	30.00	30.00	1.35	1.35	1.35	1.35	1.40	1.40	1.40	1.40
West Virginia.....	21.75	21.50	22.50	22.25	32.00	32.00	32.75	32.75	1.10	1.10	1.05	1.05	1.45	1.45	1.45	1.45
North Carolina.....	16.75	17.50	17.75	17.00	25.00	25.00	26.00	24.50	.90	.90	.85	.85	1.20	1.20	1.15	1.15
South Carolina.....	12.50	11.75	12.00	11.75	17.00	17.00	17.50	17.25	.60	.60	.60	.60	.80	.80	.85	.85
Georgia.....	12.25	12.25	12.25	11.75	17.75	17.75	17.75	17.50	.65	.65	.65	.65	.85	.85	.85	.85
Florida.....	15.50	15.50	15.00	14.50	26.50	26.50	26.50	26.50	.90	.90	.90	.90	1.25	1.25	1.25	1.25

	16.03	16.50	17.06	16.41	25.06	24.43	25.11	24.40	.89	.86	.89	.87	1.19	1.15	1.19	1.11
South Atlantic.....																
Kentucky.....	20.00	20.00	20.75	20.00	28.00	28.00	29.00	28.75	.95	.95	1.00	1.00	1.25	1.20	1.25	1.16
Tennessee.....	16.25	16.75	16.50	20.25	24.00	24.00	24.00	24.00	.80	.80	.80	.80	1.00	1.00	1.05	1.30
Alabama.....	13.00	13.25	13.25	13.00	19.50	19.50	19.50	19.00	.65	.70	.70	.65	.90	.90	.90	.90
Mississippi.....	14.00	14.25	14.25	14.00	20.25	21.00	21.00	20.50	.75	.70	.75	.70	.95	.95	.95	.95
East South Central.....																
Arkansas.....	15.70	15.75	15.98	15.68	22.43	22.73	23.05	22.66	.79	.78	.80	.77	1.02	1.00	1.03	1.03
Louisiana.....	15.75	16.00	16.00	15.50	23.50	23.50	23.50	23.00	.75	.80	.80	.80	1.05	1.05	1.05	1.05
Oklahoma.....	14.50	15.00	15.25	14.75	22.50	22.50	22.50	22.50	.80	.75	.80	.75	1.00	1.00	1.00	1.10
Texas.....	19.75	19.75	21.50	21.25	29.00	29.50	31.00	31.50	1.00	1.00	1.25	1.05	1.35	1.35	1.40	1.45
West South Central.....																
Montana.....	18.80	18.70	19.39	19.19	27.57	27.29	28.37	27.86	.95	.93	.99	.97	1.25	1.22	1.28	1.24
Idaho.....	33.00	39.00	40.75	40.25	47.00	55.00	59.25	58.50	1.85	1.80	1.90	2.20	2.30	2.50	2.65	2.80
Wyoming.....	33.75	38.25	40.25	40.00	51.00	54.75	55.50	54.00	1.75	1.80	2.00	2.15	2.30	2.50	2.65	2.85
Colorado.....	32.50	34.75	37.00	36.25	47.00	50.75	52.25	51.25	1.55	1.55	1.65	1.70	2.15	2.30	2.50	2.65
New Mexico.....	27.25	29.25	31.75	31.00	41.50	46.25	48.00	47.25	1.40	1.45	1.50	1.60	1.95	2.00	2.10	2.20
New Mexico.....	26.00	27.25	27.50	27.50	39.25	39.25	39.25	39.25	1.20	1.20	1.25	1.25	1.65	1.60	1.60	1.65
Utah.....	37.25	36.50	39.25	38.50	54.75	53.00	53.75	53.00	1.55	1.60	1.60	1.50	2.10	2.05	2.05	2.05
Nevada.....	38.00	40.50	43.75	43.75	55.00	55.75	62.50	59.25	2.00	2.05	2.20	2.20	2.40	2.40	2.50	2.55
Nevada.....	41.50	40.00	44.50	44.25	58.00	63.50	65.50	62.75	1.65	1.65	2.00	1.90	2.00	2.45	2.60	2.60
Mountain.....																
Washington.....	32.30	34.95	37.37	36.84	47.52	51.00	53.53	52.29	1.55	1.63	1.74	1.81	2.09	2.19	2.31	2.33
Oregon.....	31.25	36.50	38.00	36.00	50.75	54.25	56.25	52.50	1.85	1.90	2.00	1.90	2.60	2.60	2.65	2.65
California.....	32.75	35.50	37.25	36.50	50.00	53.25	53.25	53.25	1.65	1.75	1.85	1.85	2.35	2.40	2.40	2.45
Pacific.....	47.00	48.00	48.00	45.00	73.00	72.25	72.50	67.25	2.10	2.00	2.20	2.10	3.00	2.95	2.95	2.95
United States.....	43.00	44.39	44.19	41.83	67.00	66.68	65.90	62.05	2.01	1.95	2.10	2.02	2.86	2.81	2.78	2.71
United States.....	25.18	27.60	28.95	28.25	34.70	33.82	37.28	36.09	1.22	1.25	1.38	1.36	1.55	1.53	1.53	1.59

! Includes equivalent piecework rates.

Bureau of Agricultural Economics, as reported by field and crop reporters. See also table 639.

TABLE 638.—*Studies of farm family living*

[Data from 4,650 white families in 22 States for 12 months in the period from January 1935 to July 1939]

Item and State ¹	Coun- ties	Fam- ilies studied	Aver- age size of fam- ily ²	Average value of goods furnished without direct expense ³				Average expenditures for goods and services purchased										Change in net worth ⁴	
				Total	Food	Hous- ing	Other	Total	Food	Cloth- ing	House- hold opera- tion	Hous- ing ⁵	Fur- nish- ing equip- ment	Medi- cal care ⁶	Auto- mobiles ⁶	Other ⁷			
Dollars	Persons	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Summaries of farm home account books:	Number	Number																	
California.....	8	20	3.5	1,653	61	1,592	380	131	52	1,592	380	148	131	92	158	91	230	11,562	100
Connecticut.....	8	44	3.9	1,888	685	1,203	344	113	52	1,203	344	113	196	163	67	60	104	15	234
Delaware.....	3	15	4.0	1,100	273	1,208	225	102	35	1,208	225	102	119	8	69	47	109	156	121
Illinois.....	49	280	3.8	1,826	618	1,208	225	102	35	1,208	225	158	138	74	126	72	169	216	426
District of Columbia.....	1	1	3.7	1,954	649	393	244	219	15	1,208	225	102	119	8	69	47	109	156	121
Illinois.....	18	86	3.7	1,886	612	384	244	219	15	1,208	225	102	119	8	69	47	109	156	121
Northern.....	18	124	3.9	1,886	612	384	244	219	15	1,208	225	102	119	8	69	47	109	156	121
Central.....	13	70	3.8	1,562	598	243	192	235	15	1,208	225	102	119	8	69	47	109	156	121
Southern.....	21	100	4.5	1,170	221	207	178	188	14	1,208	225	102	119	8	69	47	109	156	121
Iowa.....	21	100	4.5	1,170	221	207	178	188	14	1,208	225	102	119	8	69	47	109	156	121
Kansas.....	25	96	4.4	1,170	221	207	178	188	14	1,208	225	102	119	8	69	47	109	156	121
Maine.....	10	32	4.0	1,350	569	303	178	188	14	1,208	225	102	119	8	69	47	109	156	121
Maryland.....	12	32	4.1	1,303	364	102	262	102	32	934	192	103	145	19	57	62	29	97	166
Michigan.....	48	232	3.8	1,034	363	305	244	219	15	1,208	225	102	119	8	69	47	109	156	121
Minnesota.....	8	10	4.4	1,303	364	102	262	102	32	934	192	103	145	19	57	62	29	97	166
Nebraska.....	6	56	4.5	1,981	549	305	244	219	15	1,208	225	102	119	8	69	47	109	156	121
Nevada.....	21	125	3.8	1,222	343	115	107	17	23	1,412	360	135	109	79	112	73	47	112	70
Ohio.....	21	125	3.8	1,222	343	115	107	17	23	1,412	360	135	109	79	112	73	47	112	70
Oklahoma.....	31	42	4.2	1,077	254	210	67	73	23	1,380	157	92	67	121	72	34	50	14,101	64
Tennessee.....	27	212	4.1	1,744	283	264	264	264	10	1,461	385	192	121	121	33	34	53	13,911	43
Washington.....	(9)	18	3.4	1,980	89	891	244	102	115	891	244	102	115	101	37	33	130	13,911	(9)
Borrowers from Farm Security Adminis- tration:																			
Minnesota.....	74	549	4.7	733	310	187	98	98	25	423	178	61	35	1	28	28	53	39	30
Northern.....	34	280	4.6	683	285	182	76	76	16	363	182	76	35	1	30	28	53	37	26
Southern.....	40	269	4.9	1,033	351	187	98	98	25	423	178	61	35	1	28	28	53	37	26
Nebraska.....	59	215	4.8	673	337	179	140	140	22	451	188	65	39	1	27	18	20	31	(9)
New Mexico.....	14	58	5.2	678	336	132	98	98	11	338	432	73	33	9	20	21	59	38	(9)
New Mexico.....	14	58	5.2	678	336	132	98	98	11	338	432	73	33	9	20	21	59	38	(9)
Ohio.....	70	285	4.6	681	314	170	124	124	20	367	140	54	45	2	26	27	35	38	(9)
Oklahoma.....	3	46	5.3	382	161	107	73	73	17	332	214	54	43	4	3	7	11	19	187
Tennessee.....	65	267	11 5.4	445	268	229	229	229	39	177	85	36	7	7	7	7	15	13	36
Other studies (inter- view method):																			
Minnesota-Mich- igan-Wisconsin.....	10	47	10 3.9	969	464	289	135	135	60	505	185	88	30	29	25	30	48	19 61	10 203
North Carolina.....	4	733	10 3.9	586	305	237	43	43	25	281	98	60	13	15	15	15	17	19 45	68
Kentucky.....	3	20	10 3.9	2,248	739	559	199	199	1	1,509	388	241	148	24	154	24	235	19 198	19 1,795
Oregon-California.....	6	1,101	4.0	1,048	444	287	136	136	21	604	206	96	70	24	56	24	24	19 111	19 24
South Dakota.....	1	26	10 4.8	942	407	248	124	124	35	535	222	109	20	1	56	28	46	19 52	19 35
Tennessee.....	1	26	10 4.8	942	407	248	124	124	35	535	222	109	20	1	56	28	46	19 52	19 35

savings and/or investments—California, Kansas, Maryland, Nebraska, Ohio, Oklahoma, Tennessee; insurance, savings and/or investments, debt retirement—Delaware, Illinois; insurance, savings, new housing—Michigan, Nevada; insurance, savings and/or investments, debt retirement, new housing and/or additions and alterations—Minnesota Farm Security Administration, Minnesota-Michigan-Wisconsin, North Carolina-Kentucky, Oregon-California, South Dakota, Tennessee—"other studies," The Connecticut report took no account of increases or decreases in investments on farm inventory unless cash income was reported. Tennessee Farm Security Administration did not define their change in net worth.

¹⁰ Incomplete total; see items not reported as indicated by footnote 10.

¹¹ Not reported.

¹² One-half the average value of "automobile and personal expenditures" listed in 9 farm-account books was included under automobile.

¹³ Data obtained from fewer than the total number of families studied.

¹⁴ Travel and transportation other than automobile included under household operation income and under other.

¹⁵ Room and board at school included under other instead of under housing and food, respectively.

¹⁶ Expense for personal care separated from clothing as entered in the report and included under other in this table.

¹⁷ Expense for "paint and wallpaper" included under furnishings and equipment instead of under housing.

¹⁸ Funeral expense included under medical care instead of under other.

¹⁹ Travel and transportation other than automobile included under automobile instead of under housing.

²⁰ Automobile expenditures incomplete in 1935. "Federal, State, house, personal property" taxes included under other instead of only income and poll taxes.

²¹ Data obtained from more than the total number of families studied.

²² Personal care included under clothing instead of under other.

²³ Automobile operation expense included under other instead of under automobile.

²⁴ Expense for "walls and woodwork" separated from furnishings and equipment as entered in the report and included under housing in this table.

²⁵ Vacation expenses (trips) included under other instead of being itemized by goods and services.

²⁶ Garden seeds included under household operation instead of under other.

²⁷ Expense for candy and gum included under other instead of under food.

²⁸ "Home and ground improvement" included under furnishings and equipment instead of under housing.

²⁹ Housing included under furnishings and equipment instead of under housing.

³⁰ Expense for "beers, wines, and hard cider," "heavy alcoholic drinks," "candy, soda-fountain expenditures," separated from incidentals and other expenditures as entered in the report and included under food in this table.

³¹ Expense for "deaths" separated from health, births, and deaths as entered in the report and included under other in this table.

Bureau of Home Economics.

¹ This table is a supplement to table 475, 1933 Yearbook of Agriculture; to table 484, 1934 Yearbook; to table 484, 1935 Yearbook; to table 493, 1936 Agricultural Statistics; to table 511, 1937 Agricultural Statistics; and to table 557, 1938 Agricultural Statistics. It includes data from recent studies and other studies not available at the time of publication of the earlier tables. The data are for the calendar year 1937 with the following exceptions: 1935, Minnesota-Michigan-Wisconsin, North Carolina-Kentucky, and Oregon-California; 1936, South Dakota and Tennessee; 1937, Ohio Farm Security Administration, Minnesota-Michigan-Wisconsin, and Minnesota Farm Security Administration.

² The data were secured by a State university, agricultural college, or agricultural experiment station, in some cases in cooperation with the Extension Service, the Farm Security Administration, the Bureau of Agricultural Economics, or the Soil Conservation Service of the U. S. Department of Agriculture. The borrowers from the Farm Security Administration (only 49 of the 58 families in the New Mexico report) are low-income farm families. The last 5 reports listed are special social research studies; the Minnesota study is a home study; the Wisconsin study is a home study; the North Carolina-Kentucky study is a home study; the Michigan-Montana counties study is a home study; a Federal reclamation project at Tule Lake, Calif.; the South Dakota study, 6 different sections of a drought-stricken State; and the Tennessee study, 1 of 7 Rural Resettlement communities (Cumberland Homesteads project families only included in this table).

³ These are year-equivalent persons in Nevada and Ohio Farm Security Administration.

⁴ Different methods of evaluating farm-furnished goods were used. Other farm-furnished goods include only fuel in 16 of the 26 reports, and combinations of fuel, ice, and other items in the remainder.

⁵ Includes repairs and replacements on family home; insurance premiums on family home; and other expenses such as rent at school and pay for lodging for members of the family while traveling or on vacation. Exceptions: taxes included in California; one-half of taxes and interest on mortgage in Connecticut; repairs and replacements only in Maine, Maryland, Nebraska, taxes and interest on mortgage in Oklahoma; interest, taxes and rent in Wyoming; interest on mortgage in New Mexico Farm Security Administration.

⁶ Taxes, interest and rent included under housing in the Tennessee reports have been omitted from this table.

⁷ Includes net cost of automobile purchased and expense of maintenance and operation after deducting proportion chargeable to farm and other business.

⁸ If the State report gave expense for combined family and business use and other purchases of car, only one-half of the amount was included in this table as a family expense.

⁹ Includes expense for recreation, formal education, reading, travel and transportation other than automobile, personal care, tobacco, unitemized personal expenditures, gifts and welfare, and other items, when reported separately.

¹⁰ Includes all changes in assets and liabilities, as for example, changes in amount of savings, investments, unpaid bills, mortgages due, and the value of changes in the amount of cash on hand.

¹¹ The net change in the amount of cash on hand is the difference between the amount of cash on hand at the beginning and the amount at the end of the year.

¹² The average reported for each group is a net figure, which takes account of all increases and decreases reported by the families included, with the following exceptions: savings only—Maine; debt retirement only—Oklahoma Farm Security Administration; insurance,

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TABLE 639.—*Farm wage rates: Averages and index numbers, 1909-38*¹

Year	Average yearly farm wage ¹					Index numbers of farm wages ⁴
	Per month		Per day		Weighted average wage rate per month ³	
	With board	Without board	With board	Without board		
	Dollars	Dollars	Dollars	Dollars	Dollars	Percent
1909	22.21	28.10	1.09	1.30	23.77	96
1910	21.22	28.08	1.12	1.39	23.93	97
1911	21.49	28.54	1.13	1.39	24.15	98
1912	22.23	29.34	1.18	1.43	24.98	101
1913	22.89	30.21	1.20	1.46	25.59	103
1914	22.62	29.74	1.17	1.43	25.13	101
1915	22.97	30.06	1.18	1.44	25.41	103
1916	25.17	32.84	1.31	1.58	27.93	113
1917	31.11	40.52	1.65	1.98	34.79	141
1918	37.96	48.80	2.15	2.54	43.73	177
1919	43.29	56.63	2.54	3.03	51.13	207
1920	51.73	65.40	2.98	3.46	59.88	242
1921	33.62	44.67	1.77	2.12	38.29	155
1922	32.75	43.33	1.73	2.07	37.47	151
1923	37.24	48.25	1.89	2.25	41.87	169
1924	37.92	49.32	1.94	2.29	42.91	173
1925	38.77	49.90	1.97	2.29	43.51	176
1926	39.87	50.83	1.98	2.31	44.36	179
1927	40.11	50.85	1.98	2.28	44.36	179
1928	40.11	50.72	1.98	2.27	44.28	179
1929	40.61	51.22	1.96	2.25	44.52	180
1930	37.59	48.10	1.76	2.08	41.25	167
1931	28.77	38.38	1.32	1.62	32.11	130
1932	20.85	28.88	.94	1.20	23.66	96
1933	18.07	25.67	.85	1.11	21.10	85
1934	20.24	28.19	.98	1.26	23.61	95
1935	22.42	30.24	1.07	1.33	25.53	103
1936	24.53	32.28	1.15	1.42	27.51	111
1937	28.00	36.32	1.33	1.61	31.25	126
1938	27.72	35.63	1.31	1.58	30.61	124

¹ Revised.² Yearly averages from 1909 to 1932, are from reports by crop reporters, giving average rates for the year in their localities. From 1934 to date, weighted average of quarterly reports.³ This column has significance only as an essential step in computing the wage index.⁴ Calendar years 1910-14=100.

Bureau of Agricultural Economics. Data for earlier years in 1928 Yearbook, table 531.

TABLE 640.—*Farm-to-retail price spreads for 58 foods combined: Estimated retail value and equivalent farm value of quantities of food purchased annually by a typical American workingman's family, 1913-38*

Year	Farm value	Retail value	Margin	Farm value as percentage of retail value	Index of hourly earnings of wage workers (1926=100)	Year	Farm value	Retail value	Margin	Farm value as percentage of retail value	Index of hourly earnings of wage workers (1926=100)
	Dollars	Dollars	Dollars	Percent	Percent		Dollars	Dollars	Dollars	Percent	Percent
1913.....	134	252	118	53	44	1926.....	202	418	216	48	100
1914.....	137	258	121	53	45	1927.....	190	406	216	47	101
1915.....	134	258	124	52	45	1928.....	194	407	213	48	101
1916.....	155	285	130	54	48	1929.....	195	415	220	47	102
1917.....	223	370	147	60	56	1930.....	171	391	220	44	100
1918.....	245	424	179	58	71	1931.....	121	322	201	38	95
1919.....	267	470	203	67	80	1932.....	88	270	182	33	81
1920.....	272	514	242	53	102	1933.....	62	264	172	35	78
1921.....	179	404	225	44	95	1934.....	108	295	187	37	88
1922.....	170	374	204	45	91	1935.....	138	331	193	42	90
1923.....	173	384	211	45	95	1936.....	162	342	180	44	92
1924.....	170	381	211	45	97	1937.....	160	353	193	45	101
1925.....	198	410	212	48	99	1938.....	130	321	191	40	102

Bureau of Agricultural Economics.

Estimates of annual purchases of foods by a typical workingman's family were obtained from the 1918-19 Cost of Living Survey made by the United States Bureau of Labor Statistics. The 58 foods include meat, dairy and poultry products, bakery and cereal products, a number of fresh and canned fruits and vegetables, and several miscellaneous items.

No allowance is made for processing taxes on wheat, rye, rice, hogs, corn, peanuts, and sugar, which, on the quantities of these products included in annual family purchases, amounted to about \$2 in 1933, \$10 in 1934, and \$11 in 1935.

Retail price data are from the U. S. Bureau of Labor Statistics; farm price data are principally those estimated by the Bureau of Agricultural Economics.

The index of hourly earnings excludes agricultural workers and is published by the U. S. Bureau of Labor Statistics. The indexes for 1936, 1937, and 1938 are based upon hourly earnings in selected industries.

TABLE 641.—*Farm real estate: Estimated total value of farm land and buildings, by geographic divisions, 1910 and 1920-38*

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States ¹
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1910 ²	719	2,443	8,874	11,615	2,486	1,738	3,129	1,319	2,478	34,801
1920 ²	917	3,002	14,938	24,469	5,202	3,664	6,291	3,163	4,669	66,316
1921.....	897	2,842	14,048	23,092	4,645	2,930	5,597	2,844	4,680	61,476
1922.....	907	2,696	12,184	19,761	3,801	2,655	4,817	2,621	4,576	54,017
1923.....	894	2,724	11,937	18,698	4,166	2,657	4,660	2,465	4,509	52,710
1924.....	900	2,744	11,392	17,274	4,101	2,525	4,726	2,311	4,495	50,468
1925 ²	906	2,800	11,024	16,531	4,099	2,481	4,959	2,173	4,495	49,468
1926.....	926	2,828	10,571	16,099	4,181	2,536	5,170	2,106	4,546	49,052
1927.....	926	2,828	9,998	15,450	3,808	2,508	5,215	2,213	4,598	47,634
1928.....	933	2,821	9,674	15,306	3,879	2,544	5,384	2,287	4,667	47,495
1929.....	934	2,838	9,599	15,339	3,882	2,608	5,578	2,373	4,728	47,880
1930 ²	941	2,818	9,337	15,159	3,852	2,685	5,806	2,458	4,824	47,880
1931.....	960	2,654	8,453	13,546	3,504	2,466	5,233	2,444	4,732	43,993
1932.....	918	2,497	7,149	11,370	2,958	2,058	4,280	2,029	3,978	37,236
1933.....	862	2,148	6,054	8,943	2,470	1,691	3,618	1,698	3,240	30,724
1934.....	878	2,124	6,191	9,298	2,650	1,787	3,886	1,728	3,221	31,764
1935 ²	901	2,141	6,597	9,385	2,792	1,915	4,030	1,772	3,325	32,859
1936.....	907	2,213	6,980	9,759	2,919	1,984	4,177	1,857	3,450	34,246
1937.....	921	2,236	7,445	9,851	3,113	2,096	4,248	1,919	3,595	35,425
1938.....	915	2,262	7,553	9,717	3,182	2,209	4,390	1,911	3,584	35,722

¹ Owing to rounding of figures, the geographic divisions will not always add to United States total.² Census of Agriculture reports.

Bureau of Agricultural Economics; based on values of all land and buildings in census years. Values in intercensal years derived from index of land values per acre and adjusted for changes of acreage of land in farms.

TABLE 642.—*Farm real estate: Index numbers of estimated value per acre, by geographic divisions, 1912-39¹*
[1912-14=100]

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States ¹
1912.....	99	98	97	97	98	97	96	98	94	97
1913.....	101	100	100	100	100	100	100	102	99	100
1914.....	100	102	103	103	103	103	104	100	106	103
1915.....	99	100	104	105	98	99	100	98	107	103
1916.....	102	104	110	114	108	109	103	98	111	108
1917.....	112	112	116	122	119	120	116	106	122	117
1918.....	117	117	127	134	135	140	134	117	129	129
1919.....	123	121	135	147	161	162	143	130	134	140
1920.....	140	136	161	184	198	199	177	151	156	170
1921.....	135	127	181	174	174	163	159	133	155	157
1922.....	124	118	132	150	146	149	136	122	151	139
1923.....	130	116	128	142	152	149	132	115	148	135
1924.....	128	114	121	132	151	142	136	110	147	130
1925.....	127	114	116	126	148	141	144	105	146	127
1926.....	128	113	111	121	149	139	144	103	144	124
1927.....	127	111	104	115	137	133	139	101	143	119
1928.....	127	110	101	113	134	130	137	101	142	117
1929.....	126	109	100	112	132	129	136	101	142	116
1930.....	127	106	96	109	128	128	136	102	142	115
1931.....	126	101	87	97	116	117	121	100	140	106
1932.....	116	96	73	81	96	97	97	82	118	89
1933.....	105	82	62	64	80	70	82	69	95	73
1934.....	104	83	65	67	87	85	88	69	97	76
1935.....	104	85	68	68	93	93	91	70	101	79
1936.....	105	88	72	71	97	96	94	73	105	82
1937.....	107	89	76	71	104	102	96	75	110	85
1938.....	106	90	78	70	106	107	99	75	109	85
1939.....	105	89	77	68	106	109	97	75	107	84

¹ All farm land with improvements, as of Mar. 1. Owing to rounding of figures, 1912-14 will not always equal exactly 100 percent.

Bureau of Agricultural Economics; based on values as reported by crop reporters.

Values as reported by the census for 1920, 1925, 1930, and 1935 will be found in Agricultural Statistics, 1937, table 491.

For details by States since 1912, refer to The Farm Real Estate Situation, 1935-36, U. S. Department of Agriculture, Circular 417, and subsequent mimeographed reports.

TABLE 643.—Number of farms changing ownership by various methods, per 1,000 of all farms, by geographic divisions, 12 months ended Mar. 15, 1930-38

Method of sale and year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand
Voluntary sales and trades:¹										
1930.....	30.7	28.3	20.8	22.9	18.2	23.9	24.2	38.7	30.1	23.7
1931.....	30.7	24.5	18.6	18.9	14.5	19.4	16.7	24.8	22.1	19.0
1932.....	24.8	20.4	16.8	14.2	12.3	17.2	15.4	17.6	22.3	16.2
1933.....	22.5	21.0	15.6	13.8	15.3	18.9	17.6	16.8	21.3	16.8
1934.....	19.9	20.1	16.5	15.5	17.6	19.1	18.8	17.5	20.9	17.8
1935.....	19.7	19.1	18.7	17.7	18.5	22.1	18.8	20.2	25.0	19.4
1936.....	22.3	22.8	23.9	22.5	² 22.7	² 31.8	² 23.0	25.9	33.3	² 24.8
1937.....	24.3	30.9	33.9	28.1	28.0	39.5	27.3	32.1	42.6	31.5
1938.....	24.0	28.4	29.0	26.9	28.2	37.4	27.1	32.3	41.4	29.9
Forced sales and related defaults:										
1930.....	11.2	13.1	22.3	27.5	23.2	16.1	16.8	29.4	15.2	20.8
1931.....	9.7	13.8	24.0	31.3	32.2	25.9	22.4	36.4	25.0	26.1
1932.....	15.5	18.0	34.3	52.5	47.1	50.6	40.2	43.5	37.6	41.7
1933.....	19.8	28.3	43.9	72.0	59.5	63.5	51.2	52.8	44.1	54.1
1934.....	20.1	26.2	32.0	50.9	40.7	44.9	34.3	44.1	37.1	39.1
1935.....	18.9	23.9	23.5	40.6	24.5	30.6	22.9	35.7	24.6	28.3
1936.....	16.8	21.6	22.1	38.0	21.3	26.9	22.0	36.0	25.8	26.2
1937.....	14.4	16.5	19.0	31.7	17.6	22.4	20.2	33.4	23.1	22.4
1938.....	13.3	14.1	13.5	27.0	13.6	14.0	16.5	27.3	19.1	17.4
Inheritance and gift:										
1930.....	10.3	8.2	9.4	9.8	11.4	9.3	7.6	7.0	7.3	9.3
1931.....	8.8	8.5	9.3	9.7	12.5	9.9	7.4	6.9	6.6	9.4
1932.....	10.2	9.0	11.0	9.8	13.3	11.1	8.8	7.8	7.5	10.4
1933.....	11.9	11.2	13.3	12.9	16.7	13.7	11.8	9.5	11.2	13.1
1934.....	10.9	11.7	13.1	11.8	16.1	12.7	11.2	9.9	10.3	12.6
1935.....	11.6	12.6	12.2	11.9	15.5	11.9	10.7	9.0	9.9	12.2
1936.....	11.8	11.5	11.9	11.7	16.3	12.4	11.1	9.4	9.8	12.3
1937.....	9.3	9.4	9.6	9.7	12.5	9.6	10.2	6.5	7.4	9.9
1938.....	8.1	8.2	7.0	7.9	9.5	8.0	7.6	4.7	8.3	7.7
Administrators' and executors' sales:³										
1930.....	6.1	7.0	7.8	6.2	7.9	5.8	3.3	4.7	3.6	6.1
1931.....	5.6	7.0	7.5	5.4	6.5	5.6	3.4	3.6	3.6	5.7
1932.....	6.9	6.1	8.1	4.9	8.1	6.2	4.9	4.5	4.3	6.2
1933.....	7.1	7.9	7.6	6.1	10.2	7.5	4.8	4.1	3.9	7.0
1934.....	5.5	8.4	7.7	5.7	9.0	6.5	4.9	4.5	3.3	6.7
1935.....	6.7	9.7	8.0	6.5	9.1	6.6	5.1	4.5	4.5	7.1
1936.....	6.2	9.0	7.8	6.9	10.1	8.1	4.6	5.1	4.8	7.4
1937.....	5.6	10.6	10.0	8.3	10.5	8.3	5.8	4.7	4.9	8.4
1938.....	5.7	7.6	10.9	8.4	9.5	8.8	5.3	4.8	5.2	8.2
Total, all classes:⁴										
1930.....	60.2	58.0	61.6	68.0	62.7	56.5	53.3	81.7	57.6	61.5
1931.....	56.1	55.5	60.9	66.8	68.3	62.6	51.6	72.8	58.1	61.9
1932.....	60.5	55.3	72.4	83.8	83.4	87.2	71.3	75.5	73.7	76.6
1933.....	63.5	69.9	82.7	107.1	104.9	106.6	88.3	85.4	82.7	93.6
1934.....	58.4	68.3	71.4	85.9	87.3	85.9	71.6	78.1	74.3	78.6
1935.....	58.1	67.2	64.1	78.5	69.8	74.3	59.8	71.7	66.2	69.1
1936.....	58.9	67.8	67.6	81.3	² 72.7	² 81.4	² 63.0	78.8	75.7	² 72.9
1937.....	55.7	69.2	74.0	79.4	70.8	81.7	65.3	78.7	79.4	74.0
1938.....	52.5	59.4	61.8	72.0	62.2	69.9	58.5	70.5	73.7	64.8

¹ Including contracts to purchase (but not options).² Revised.³ Includes all other sales in settlement of estates.⁴ Including miscellaneous and unclassified.

Bureau of Agricultural Economics; based on returns from crop reporters.

TABLE 644.—Farm real estate taxes per acre, by States and geographic divisions, 1913, 1915, 1920, 1925, 1929-37

State and division	1913	1915	1920	1925	1929	1930	1931	1932	1933	1934	1935	1936	1937
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
Maine.....	0.32	0.33	0.55	0.62	0.76	0.81	0.79	0.74	0.67	0.73	0.73	0.75	0.77
New Hampshire.....	.33	.35	.57	.69	.81	.76	.79	.70	.56	.58	.66	.68	.69
Vermont.....	.22	.25	.45	.51	.56	.57	.56	.50	.44	.40	.44	.44	.44
Massachusetts.....	.88	.98	1.55	2.03	2.16	2.12	2.16	2.17	2.11	2.24	2.36	2.31	2.29
Rhode Island.....	.48	.54	.81	1.03	1.32	1.36	1.38	1.38	1.30	1.35	1.38	1.37	1.38
Connecticut.....	.53	.61	1.08	1.36	1.59	1.61	1.64	1.57	1.54	1.56	1.65	1.62	1.59
New England.....	.41	.44	.74	.90	1.01	1.02	1.03	.98	.92	.95	1.00	1.01	1.01
New York.....	.45	.53	.87	1.04	1.01	1.04	1.04	.98	.89	.91	.95	.99	1.04
New Jersey.....	.76	.81	1.51	2.19	2.69	2.77	2.60	2.46	2.22	2.14	2.18	2.21	2.39
Pennsylvania.....	.50	.51	.82	1.11	1.28	1.30	1.27	1.22	1.09	1.01	.98	.98	.98
Middle Atlantic.....	.49	.54	.89	1.13	1.21	1.24	1.22	1.16	1.05	1.02	1.03	1.05	1.09
Ohio.....	.53	.60	1.07	1.31	1.41	1.36	1.15	1.02	.91	.68	.65	.64	.65
Indiana.....	.59	.66	1.26	1.40	1.39	1.41	1.32	.91	.55	.62	.55	.55	.51
Illinois.....	.49	.52	.99	1.15	1.14	1.16	1.03	.92	.72	.72	.79	.83	.87
Michigan.....	.54	.63	1.23	1.26	1.38	1.34	1.18	.85	.58	.53	.45	.43	.42
Wisconsin.....	.47	.49	1.04	.96	1.13	1.07	.89	.76	.76	.75	.83	.85	.91
East North Central.....	.52	.57	1.10	1.21	1.27	1.25	1.10	.90	.71	.65	.68	.68	.70
Minnesota.....	.30	.35	.76	.78	.86	.87	.83	.67	.67	.59	.61	.64	.64
Iowa.....	.56	.60	1.10	1.15	1.22	1.24	1.13	1.02	.90	.85	.94	.97	.99
Missouri.....	.14	.16	.28	.43	.47	.45	.41	.37	.32	.32	.32	.33	.33
North Dakota.....	.15	.20	.44	.37	.38	.38	.33	.29	.27	.26	.25	.25	.27
South Dakota.....	.15	.17	.45	.44	.46	.44	.35	.32	.20	.23	.24	.23	.26
Nebraska.....	.19	.19	.42	.42	.45	.44	.42	.36	.30	.29	.31	.31	.34
Kansas.....	.21	.23	.42	.52	.58	.55	.52	.41	.36	.37	.38	.39	.41
West North Central.....	.24	.27	.54	.58	.61	.61	.55	.47	.41	.40	.42	.43	.45
Delaware.....	.27	.32	.68	.73	.54	.52	.52	.49	.49	.48	1.48	1.48	1.48
Maryland.....	.38	.42	.72	.88	.92	.93	.90	.85	.66	.60	.66	.69	.71
Virginia.....	.12	.13	.23	.34	.34	.34	.31	.26	.24	.25	.25	.25	.26
West Virginia.....	.13	.17	.31	.43	.49	.45	.44	.37	.15	.15	.15	.15	.15
North Carolina.....	.10	.12	.34	.55	.60	.59	.52	.48	.34	.33	.33	.33	.37
South Carolina.....	.14	.15	.35	.39	.43	.40	.40	.37	.32	.29	.28	.28	.28
Georgia.....	.13	.15	.28	.29	.30	.30	.28	.26	.23	.22	.23	.22	.24
Florida.....	.14	.23	.46	.95	.92	.70	.62	.59	.58	.58	1.44	1.41	.39
South Atlantic.....	.14	.16	.33	.46	.48	.45	.42	.38	.30	.29	1.29	1.29	.30
Kentucky.....	.16	.17	.38	.40	.42	.42	.42	.38	.33	.27	.28	.27	.27
Tennessee.....	.15	.17	.40	.43	.47	.47	.43	.40	.37	.37	.38	.39	.40
Alabama.....	.10	.11	.19	.21	.25	.25	.23	.21	.21	.21	.21	.22	.21
Mississippi.....	.16	.16	.50	.59	.68	.64	.60	.53	.56	.52	.53	.57	.58
East South Central.....	.14	.15	.36	.41	.45	.45	.42	.38	.37	.34	.35	.36	.36
Arkansas.....	.16	.17	.33	.34	.32	.32	.32	.30	.29	.29	.28	.27	.26
Louisiana.....	.18	.19	.55	.57	.58	.57	.53	.49	.49	.46	.45	.39	.39
Oklahoma.....	.20	.23	.38	.42	.46	.47	.41	.34	.25	.23	.23	.24	.23
Texas.....	.08	.09	.16	.20	.22	.23	.21	.17	.16	.16	.14	.14	.14
West South Central.....	.11	.13	.24	.27	.29	.30	.27	.23	.21	.20	.19	.19	.18
Montana.....	.08	.08	.14	.13	.14	.14	.13	.12	.12	.11	.10	.09	.10
Idaho.....	.30	.30	.63	.58	.65	.65	.55	.55	.51	.50	.46	.44	.48
Wyoming.....	.04	.05	.09	.07	.09	.09	.10	.08	.07	.07	.06	.05	.06
Colorado.....	.12	.13	.27	.28	.29	.28	.23	.22	.20	.20	.19	.20	.20
New Mexico.....	.04	.03	.05	.06	.07	.07	.08	.07	.06	.05	.05	.05	.05
Arizona.....	.08	.09	.18	.19	.22	.21	.21	.20	.17	.19	.19	.18	.14
Utah.....	.18	.20	.47	.46	.52	.54	.50	.44	.43	.44	.36	.40	.40
Nevada.....	.08	.11	.21	.22	.17	.15	.16	.16	.37	.15	.17	.16	.20
Mountain.....	.10	.10	.20	.18	.20	.19	.18	.17	.15	.15	.14	.13	.14
Washington.....	.34	.32	.67	.61	.68	.68	.64	.54	.46	.42	.34	.29	.31
Oregon.....	.17	.17	.37	.37	.44	.40	.33	.33	.33	.32	.33	.33	.33
California.....	.39	.47	.93	1.07	1.14	1.13	1.06	.94	.65	.62	.62	.65	.76
Pacific.....	.33	.36	.73	.78	.85	.83	.77	.68	.52	.49	.47	.47	.53
United States.....	.24	.26	.51	.56	.58	.57	.52	.45	.39	.37	.37	.38	.39

¹ Revised.² Preliminary.

Bureau of Agricultural Economics. Data for omitted years available in 1935 Yearbook, table 478. Data for 1890-1912 in 1933 Agricultural Statistics, table 576.

TABLE 645.—*Farm real estate taxes per \$100 of value, by States and geographic divisions, 1913, 1915, 1920, 1925, 1929-37*

State and division	1913	1915	1920	1925	1929	1930	1931	1932	1933	1934	1935	1936	1937
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Maine.....	1.26	1.29	1.54	1.57	1.81	1.97	2.14	2.38	2.19	2.40	2.39	2.40	2.50
New Hampshire.....	1.16	1.29	1.64	1.76	2.06	1.95	2.20	2.16	1.76	1.83	2.06	2.08	2.13
Vermont.....	.91	.88	1.17	1.42	1.49	1.57	1.68	1.68	1.52	1.39	1.43	1.52	1.54
Massachusetts.....	1.21	1.37	1.59	1.76	1.66	1.62	1.77	1.88	1.81	1.92	2.03	1.96	1.92
Rhode Island.....	.77	.82	.99	1.06	1.07	1.10	1.16	1.23	1.15	1.18	1.20	1.17	1.20
Connecticut.....	.74	.85	1.08	1.15	1.05	1.06	1.13	1.15	1.14	1.14	1.19	1.15	1.15
New England.....	1.07	1.12	1.38	1.51	1.53	1.54	1.66	1.70	1.60	1.63	1.70	1.73	1.71
New York.....	.82	.96	1.33	1.46	1.38	1.53	1.63	1.74	1.59	1.63	1.66	1.72	1.79
New Jersey.....	.84	.91	1.30	1.47	1.58	1.72	1.74	1.83	1.72	1.74	1.73	1.74	1.87
Pennsylvania.....	.87	.88	1.14	1.49	1.63	1.77	1.86	2.21	2.04	1.86	1.72	1.70	1.66
Middle Atlantic.....	.84	.92	1.25	1.48	1.51	1.65	1.74	1.94	1.79	1.74	1.70	1.71	1.76
Ohio.....	.72	.74	1.11	1.53	1.79	1.90	1.88	2.00	1.68	1.22	1.07	1.00	1.03
Indiana.....	.72	.75	1.08	1.73	1.94	2.20	2.50	1.97	1.39	1.03	.99	.94	.84
Illinois.....	.40	.42	.55	.88	1.04	1.21	1.32	1.46	1.07	1.03	1.07	1.04	1.05
Michigan.....	1.04	1.14	1.62	1.81	2.04	2.09	2.20	1.91	1.29	1.18	.98	.87	.85
Wisconsin.....	.76	.71	1.04	1.14	1.43	1.53	1.46	1.42	1.44	1.41	1.53	1.48	1.60
East North Central.....	.63	.65	.91	1.29	1.51	1.66	1.74	1.70	1.33	1.15	1.14	1.07	1.08
Minnesota.....	.54	.55	.70	1.00	1.25	1.45	1.64	1.65	1.58	1.40	1.42	1.46	1.44
Iowa.....	.50	.44	.52	.81	.98	1.15	1.28	1.60	1.31	1.19	1.26	1.23	1.24
Missouri.....	.25	.28	.34	.75	.89	.98	1.08	1.20	1.01	1.02	.99	1.01	1.02
North Dakota.....	.48	.61	1.11	1.30	1.54	1.72	1.73	1.67	1.49	1.44	1.35	1.38	1.56
South Dakota.....	.35	.38	.66	1.05	1.30	1.42	1.41	1.59	1.03	1.23	1.28	1.23	1.49
Nebraska.....	.38	.37	.52	.70	.81	.85	.96	1.07	.88	.86	.90	.92	1.06
Kansas.....	.51	.51	.68	1.06	1.20	1.24	1.36	1.36	1.18	1.20	1.20	1.18	1.26
West North Central.....	.43	.44	.60	.90	1.08	1.20	1.30	1.42	1.20	1.16	1.18	1.19	1.26
Delaware.....	.52	.60	1.04	1.05	.72	.72	.81	.91	.90	.86	1.84	1.81	1.78
Maryland.....	.72	.77	.99	1.12	1.13	1.19	1.31	1.49	1.18	1.08	1.15	1.15	1.15
Virginia.....	.40	.38	.43	.68	.67	.77	.83	.80	.74	.70	.66	.68	.68
West Virginia.....	.44	.58	.77	1.10	1.26	1.26	1.81	1.44	.57	.60	.57	.57	.55
North Carolina.....	.41	.44	.71	1.09	1.28	1.48	1.56	1.92	1.18	1.06	.97	.89	.96
South Carolina.....	.52	.56	.66	.96	1.18	1.27	1.59	1.92	1.51	1.25	1.18	1.11	1.06
Georgia.....	.66	.72	.79	1.09	1.16	1.28	1.54	1.79	1.45	1.30	1.34	1.17	1.28
Florida.....	.51	.85	.86	.88	1.10	.88	.94	1.06	1.04	1.09	1.82	1.73	.70
South Atlantic.....	.52	.56	.70	.97	1.07	1.14	1.28	1.42	1.07	1.00	1.96	1.90	.91
Kentucky.....	.51	.50	.73	.92	.96	1.06	1.26	1.39	1.19	.90	.92	.80	.76
Tennessee.....	.54	.58	.89	1.02	1.13	1.24	1.35	1.54	1.35	1.27	1.22	1.22	1.22
Alabama.....	.64	.73	.82	.81	.86	.98	1.26	1.38	1.18	1.12	1.08	1.11	1.00
Mississippi.....	.80	.72	1.19	1.99	2.06	2.19	2.54	2.93	3.01	2.76	2.77	2.82	2.69
East South Central.....	.58	.59	.95	1.15	1.22	1.35	1.54	1.72	1.61	1.40	1.40	1.36	1.29
Arkansas.....	.84	.82	.91	1.01	.93	1.12	1.28	1.56	1.40	1.37	1.26	1.21	1.11
Louisiana.....	.74	.74	1.41	1.44	1.29	1.42	1.59	1.76	1.75	1.63	1.58	1.32	1.22
Oklahoma.....	.75	.84	.92	1.22	1.25	1.41	1.53	1.60	1.12	1.04	.98	1.02	.95
Texas.....	.40	.46	.55	.70	.77	.90	1.04	.90	.88	.86	.73	.71	.69
West South Central.....	.52	.61	.74	.88	.93	1.07	1.20	1.24	1.07	1.00	.92	.90	.82
Montana.....	.41	.45	.75	.99	1.18	1.22	1.38	1.56	1.56	1.39	1.19	1.06	1.19
Idaho.....	.68	.70	.98	1.30	1.46	1.48	1.50	1.87	1.71	1.62	1.44	1.32	1.46
Wyoming.....	.34	.46	.55	.80	.98	1.04	1.42	1.41	1.21	1.18	.98	.80	.96
Colorado.....	.42	.46	.81	1.19	1.34	1.32	1.35	1.56	1.43	1.43	1.28	1.28	1.27
New Mexico.....	.48	.40	.64	.96	1.04	1.04	1.45	1.48	1.23	1.01	.90	.94	.93
Arizona.....	.25	.34	.71	1.32	1.27	1.27	1.54	1.79	1.65	2.01	1.94	1.80	1.42
Utah.....	.56	.61	1.19	1.19	1.33	1.42	1.78	1.94	1.71	1.70	1.67	1.32	1.47
Nevada.....	.42	.58	.84	1.37	1.09	.96	1.25	1.47	1.50	1.28	1.38	1.28	1.62
Mountain.....	.47	.50	.84	1.12	1.26	1.25	1.46	1.68	1.48	1.47	1.31	1.18	1.27
Washington.....	.64	.62	1.01	1.06	1.20	1.22	1.37	1.44	1.26	1.31	.87	.70	.76
Oregon.....	.40	.42	.73	.89	1.15	1.07	1.06	1.30	1.31	1.24	1.23	1.16	1.15
California.....	.56	.64	.86	.94	1.02	1.03	1.15	1.26	.88	.81	.78	.79	.93
Pacific.....	.56	.59	.87	.95	1.06	1.07	1.19	1.30	1.00	.92	.85	.82	.92
United States.....	.55	.57	.79	1.07	1.19	1.30	1.42	1.50	1.28	1.19	1.14	1.13	1.15

* Revised.

† Preliminary.

Bureau of Agricultural Economics. These data are derived from the figures shown in the preceding table and the indexes of farm real estate values, which are estimated annually by the Bureau. Data for omitted years in 1935 Yearbook, table 479.

TABLE 646.—Farmers' mutual fire insurance, by States and geographic divisions, 1935

State and division ¹	Companies	Policies in force Dec. 31	Amount of insurance in force Dec. 31	Cost per \$100 of insurance ²			Surplus or reserves at end of year
				Total	Losses	Expenses	
	Number	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
Maine.....	38	44,624	64,839	78.6	54.3	24.3	535
New Hampshire.....	17	16,353	24,399	61.6	41.4	20.2	76
Vermont.....	4	29,119	67,528	43.1	38.3	4.8	98
Rhode Island.....	2	1,768	3,725	31.1	20.8	10.3	78
Connecticut.....	7	23,453	73,547	37.4	19.7	17.7	2,741
New England.....	68	115,317	234,038	53.0	36.9	16.1	3,528
New York.....	133	190,022	579,697	37.9	30.2	7.7	143
New Jersey.....	14	56,030	126,123	36.2	22.3	13.9	1,330
Pennsylvania.....	166	481,429	1,191,057	23.6	17.1	6.5	3,669
Middle Atlantic.....	313	727,481	1,896,877	28.8	21.4	7.4	5,142
Ohio.....	109	264,845	859,687	18.9	14.0	4.9	895
Indiana.....	68	189,840	544,082	19.3	13.0	6.3	1,092
Illinois.....	208	222,733	667,309	17.7	12.7	5.0	1,422
Michigan.....	68	202,344	638,395	30.7	21.8	8.9	1,609
Wisconsin.....	198	256,375	1,119,076	17.4	13.6	3.8	1,227
East North Central.....	651	1,136,137	3,828,549	20.3	14.8	5.4	6,245
Minnesota.....	158	271,873	883,548	15.8	10.8	5.0	1,333
Iowa.....	151	279,564	1,116,577	17.6	10.9	6.7	2,206
Missouri.....	149	190,598	330,115	34.0	26.8	7.2	601
North Dakota.....	36	40,119	113,577	17.5	11.8	5.7	445
South Dakota.....	44	70,824	203,834	17.7	12.6	5.1	553
Nebraska.....	56	126,892	743,966	12.7	6.5	6.2	1,061
Kansas.....	18	220,504	578,162	23.3	10.4	12.9	4,109
West North Central.....	612	1,200,374	3,969,779	18.5	11.4	7.1	10,908
Delaware.....	4	20,274	21,470	37.4	21.5	15.9	370
Maryland.....	16	105,407	263,938	36.7	14.1	22.6	1,989
Virginia.....	41	63,287	136,130	33.1	21.1	12.0	866
West Virginia.....	15	31,059	54,259	34.5	18.8	15.7	298
North Carolina.....	28	25,108	37,386	27.4	18.2	9.2	212
South Carolina.....	8	4,540	6,736	86.3	64.0	22.3	69
Georgia.....	15	12,028	13,579	51.8	37.7	14.1	135
South Atlantic.....	127	261,703	533,498	35.9	18.3	17.6	3,939
Kentucky.....	16	26,916	58,891	45.1	29.8	15.3	718
Tennessee.....	29	28,366	34,124	49.8	35.2	14.6	32
Alabama.....	3	1,085	1,330	44.9	23.2	21.7	18
East South Central.....	48	56,367	94,345	46.8	31.6	15.2	768
Arkansas.....	14	10,305	10,068	50.8	36.9	13.9	48
Oklahoma.....	7	19,352	26,957	45.3	36.6	8.7	106
Texas.....	37	74,117	101,466	33.8	23.7	8.1	687
West South Central.....	58	103,774	138,491	37.2	26.6	8.6	841
Montana.....	13	7,023	13,492	26.5	17.4	9.1	57
Idaho.....	9	19,075	41,106	22.8	14.8	8.0	125
Wyoming.....	3	907	1,697	14.5	5.7	8.8	10
Colorado.....	6	15,979	34,150	24.3	13.3	11.0	72
Utah.....	1	12,000	13,582	10.9	6.7	4.2	126
Mountain.....	32	54,984	104,027	22.0	13.4	8.6	390
Washington.....	5	29,468	52,308	35.0	25.0	10.0	256
Oregon.....	6	25,569	46,358	56.0	29.6	20.4	290
California.....	21	81,512	185,032	28.0	12.0	13.0	1,349
Pacific.....	32	136,549	283,696	31.0	17.4	13.6	1,895
United States.....	1,941	3,792,686	11,083,300	23.2	15.7	7.5	33,636

¹ According to available information, no farmers' mutual fire insurance companies as the term is here used are to be found in the States of Massachusetts, Florida, Mississippi, Louisiana, New Mexico, Arizona, and Nevada.

² Cost of insurance for 1935 was abnormally low. The total-cost figure for the United States comparable to the figure of 23.2 cents in this table averaged 27.0 cents for a score of preceding years.

Farm Credit Administration: Problems and Trends in Farmers' Mutual Fire Insurance.

TABLE 647.—Wheat crop insurance, crop for harvest in 1939¹

Principal class of wheat grown and State	Number of policies ²	Amount of premium payments received ³	Wheat acreage insured ⁴	Total insured production ⁵
	<i>Number</i>	<i>Bushels</i>	<i>Acres</i>	<i>Bushels</i>
Soft red winter:				
New York ⁶	652	4,900	8,600	147,000
Pennsylvania.....	2,301	15,370	29,961	436,715
New Jersey.....	29	190	380	5,778
Delaware.....	79	786	1,658	20,682
Maryland.....	979	10,830	23,085	289,750
Virginia.....	915	7,773	16,495	202,872
West Virginia.....	1	19	37	402
Michigan ⁶	5,077	33,203	54,424	804,369
Ohio.....	10,337	146,222	140,486	1,935,335
Indiana.....	11,223	152,341	177,628	2,163,446
Illinois.....	12,262	201,474	297,904	3,187,288
Missouri.....	15,897	218,400	398,368	3,626,460
Total.....	59,752	791,508	1,149,116	12,820,097
Hard red winter:				
Iowa.....	4,650	64,584	84,724	1,019,323
Nebraska.....	12,851	537,621	482,141	4,386,669
Kansas.....	14,965	825,157	944,846	7,967,986
Oklahoma.....	8,850	203,558	510,812	4,280,688
Texas.....	3,708	427,667	383,467	2,742,640
Wyoming.....	246	25,810	21,021	188,955
Colorado.....	929	66,901	61,950	427,863
New Mexico.....	112	13,727	9,419	82,191
Utah.....	447	23,893	34,974	546,786
Total.....	46,758	2,278,918	2,533,344	21,643,101
Hard red spring and durum:				
Wisconsin.....	153	1,106	1,159	13,965
Minnesota.....	4,824	78,805	116,146	1,101,803
North Dakota.....	5,269	293,671	334,865	2,358,695
South Dakota.....	4,186	248,096	179,145	940,219
Montana.....	1,958	240,931	203,516	1,760,064
Total.....	16,390	862,609	834,831	6,174,446
White:				
Idaho.....	1,376	72,303	124,085	1,896,885
Washington.....	1,244	76,183	162,014	2,022,885
Oregon.....	519	45,007	76,820	1,123,031
California.....	974	74,381	113,266	1,573,828
Total.....	4,113	267,874	466,185	6,616,629
Combined total.....	127,013	4,200,909	4,983,476	47,254,273

¹ Interim report as of March 31, 1939. The total number of policies will be approximately 163,000, almost all of the additional policies coming from spring wheat States.

² Includes all policies on which premiums had been paid although some of them had not yet been issued, when this report was prepared.

³ Represents wheat premiums, whether received as wheat or as the cash equivalents.

⁴ Includes acreage of farms for which only the landlord's share or the tenant's share of the crop is insured.

⁵ Subject to final determination of acreage seeded.

⁶ Soft red winter wheat grown but not the principal class.

Federal Crop Insurance Corporation.

TABLE 648.—*Bankruptcies among farmers, number and percentage of total, United States, fiscal years 1910-38*

Year ended June	Farm bankruptcies	Per cent of total	Year ended June	Farm bankruptcies	Per cent of total	Year ended June	Farm bankruptcies	Per cent of total
	Number	Percent		Number	Percent		Number	Percent
1910.....	849	5.7	1920.....	997	6.4	1930.....	4,464	7.4
1911.....	679	4.8	1921.....	1,363	9.0	1931.....	4,023	6.7
1912.....	837	5.4	1922.....	3,236	14.4	1932.....	4,849	7.7
1913.....	942	5.4	1923.....	5,940	17.4	1933.....	5,917	8.9
1914.....	1,045	5.6	1924.....	7,772	18.7	1934.....	4,716	8.0
1915.....	1,246	5.9	1925.....	7,872	17.8	1935.....	4,311	7.7
1916.....	1,658	6.9	1926.....	7,769	16.5	1936.....	3,642	7.0
1917.....	1,906	7.5	1927.....	6,296	13.1	1937.....	2,479	4.5
1918.....	1,632	7.0	1928.....	5,679	10.6	1938.....	1,799	3.6
1919.....	1,207	6.3	1929.....	4,939	8.7			

Bureau of Agricultural Economics. Compiled from reports of the Attorney General.

TABLE 649.—*Farm-mortgage debt outstanding at the beginning of years 1910, 1920, 1925, 1930, and 1935-38*

Beginning of year	Farm-mortgage debt	Beginning of year	Farm-mortgage debt
	1,000 dollars		1,000 dollars
1910.....	3,320,470	1935.....	7,645,091
1920.....	7,857,700	1936.....	7,500,489
1925.....	9,360,620	1937.....	7,254,821
1930.....	9,214,278	1938.....	7,082,156

¹ Figures for 1930 and 1935 from Bureau of Agricultural Economics' and Bureau of Census' cooperative study.

Bureau of Agricultural Economics.

TABLE 650.—*Farm-mortgage holdings reported by leading lending agencies as outstanding at the end of year, 1929-38*

End of year	Federal land banks ¹	Land Bank Commissioner ¹	Life insurance companies ²	Joint stock land banks ¹	Commercial banks	3 State credit agencies ³
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,185,765		2,105,477	626,980	(⁴)	93,274
1930.....	1,175,832		2,059,221	590,811	(⁴)	92,096
1931.....	1,151,659		2,007,361	536,644	¹ 945,172	93,014
1932.....	1,105,610		1,869,160	459,183	(⁴)	84,075
1933.....	1,203,142	70,738	1,661,046	392,438	(⁴)	79,574
1934.....	1,885,088	616,737	1,258,900	255,931	408,842	62,286
1935.....	2,059,845	794,121	1,054,770	175,677	487,505	48,091
1936.....	2,053,105	835,807	936,454	133,499	487,534	32,657
1937.....	2,024,473	811,489	895,470	104,163	501,450	24,657
1938.....	1,971,630	751,392	888,804	87,362	519,276	17,281

¹ Prior to 1936 the United States totals of outstanding loans of Federal land banks and Land Bank Commissioner do not include the amount of matured unpaid installments which have not been allocated by States. Data exclude Puerto Rico. Joint stock land banks include banks in receivership.² Partly estimated by the Bureau of Agricultural Economics.³ Minnesota, North Dakota, and South Dakota.⁴ Data unavailable.⁵ June 30. Partly estimated by Bureau of Agricultural Economics.⁶ Preliminary.

Bureau of Agricultural Economics.

TABLE 651.—Number of mortgaged farms, Jan. 1, 1930 and 1935, and amount of farm-mortgage debt, Jan. 1, 1930 and 1935-38, by States and geographic divisions

State and division	Number of mortgaged farms		Farm-mortgage debt				
	1930	1935	1930	1935	1936	1937	1938
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	13,388	14,203	26,595	31,442	32,462	32,153	31,745
New Hampshire.....	5,746	6,822	10,632	11,335	11,850	11,910	12,097
Vermont.....	13,192	13,250	32,749	32,288	32,296	33,230	33,878
Massachusetts.....	13,873	18,190	45,782	53,270	53,232	54,618	56,131
Rhode Island.....	1,258	1,425	4,009	4,526	4,762	4,959	5,114
Connecticut.....	9,026	14,743	31,817	49,091	48,960	49,721	50,370
New England.....	56,483	68,633	151,584	181,952	183,562	186,591	189,335
New York.....	72,472	74,141	237,003	212,154	212,845	212,122	210,252
New Jersey.....	12,890	12,889	55,107	49,888	49,720	49,953	50,383
Pennsylvania.....	59,214	57,846	168,472	147,688	144,841	142,589	139,992
Middle Atlantic.....	144,576	144,876	460,582	409,730	407,406	404,664	400,627
Ohio.....	78,121	77,714	259,483	225,930	220,757	213,899	210,854
Indiana.....	82,542	79,115	248,759	219,096	211,882	203,235	198,989
Illinois.....	87,322	71,700	613,945	471,188	465,809	444,212	428,308
Michigan.....	82,911	62,361	225,102	179,739	179,471	176,857	172,817
Wisconsin.....	107,245	105,466	504,016	436,982	437,810	431,683	421,053
East North Central.....	438,141	416,356	1,851,305	1,532,935	1,515,729	1,469,886	1,432,021
Minnesota.....	93,936	87,763	492,800	407,888	406,865	367,896	355,601
Iowa.....	112,600	96,791	1,182,030	809,432	771,227	742,294	720,973
Missouri.....	114,911	100,423	384,413	267,893	254,222	243,685	238,470
North Dakota.....	49,124	44,937	225,152	203,567	207,863	190,336	181,666
South Dakota.....	46,041	37,436	279,440	210,515	200,641	186,252	173,653
Nebraska.....	67,953	58,286	545,539	448,294	430,752	409,927	390,060
Kansas.....	78,496	69,939	392,408	328,478	320,802	309,066	298,931
West North Central.....	563,061	495,575	3,501,782	2,676,067	2,592,402	2,449,456	2,359,254
Delaware.....	3,732	2,996	10,292	10,452	10,346	10,189	10,004
Maryland.....	16,404	13,908	55,315	46,678	47,490	47,288	46,728
Virginia.....	39,039	43,451	81,799	75,128	74,485	72,363	72,081
West Virginia.....	15,182	17,301	23,532	23,603	23,430	22,702	22,342
North Carolina.....	78,079	75,251	100,914	86,675	84,818	82,863	80,658
South Carolina.....	50,791	47,829	57,964	48,630	48,106	46,243	45,384
Georgia.....	79,663	65,354	87,244	76,975	75,894	75,299	74,585
Florida.....	15,331	16,519	37,874	33,805	34,118	32,594	31,515
South Atlantic.....	298,212	277,609	454,934	401,946	398,687	389,541	383,570
Kentucky.....	59,064	65,236	105,007	101,237	100,998	100,746	99,863
Tennessee.....	59,866	64,979	91,881	83,961	83,252	82,166	80,345
Alabama.....	89,890	83,011	87,274	78,564	76,366	75,112	74,788
Mississippi.....	109,138	111,779	94,417	85,304	82,773	78,347	79,359
East South Central.....	317,958	325,005	378,579	348,966	343,389	336,371	334,355
Arkansas.....	93,518	80,734	97,032	71,155	71,227	69,406	68,977
Louisiana.....	55,030	50,447	70,802	55,225	53,521	51,816	50,753
Oklahoma.....	103,863	78,729	240,486	196,283	186,147	176,827	167,623
Texas.....	199,081	176,256	635,984	554,874	540,555	527,897	513,095
West South Central.....	451,492	386,166	1,044,304	877,537	851,456	825,946	800,448
Montana.....	25,263	21,091	120,469	99,918	100,606	96,603	92,423
Idaho.....	23,523	20,651	103,663	97,366	96,389	92,442	90,033
Wyoming.....	8,683	7,704	43,787	43,873	44,488	44,937	44,866
Colorado.....	30,657	24,979	137,865	112,504	111,655	107,120	103,390
New Mexico.....	7,876	8,216	30,098	23,692	24,523	24,135	23,804
Arizona.....	5,710	5,035	34,683	27,045	26,834	27,157	27,228
Utah.....	14,618	13,256	48,639	43,358	46,147	45,985	45,978
Nevada.....	1,520	1,717	14,852	14,675	14,355	13,871	15,007
Mountain.....	117,850	102,649	534,056	462,431	464,997	452,250	442,817
Washington.....	35,830	36,260	141,577	136,709	133,820	127,930	124,657
Oregon.....	28,404	29,740	122,123	119,670	118,676	115,174	111,894
California.....	71,216	67,444	573,452	497,148	490,371	497,012	503,178
Pacific.....	135,450	133,444	837,152	753,527	742,867	740,116	739,729
United States.....	2,523,223	2,350,313	9,214,278	7,645,091	7,500,489	7,254,821	7,082,156

¹ Includes District of Columbia.

Bureau of Agricultural Economics. Figures for 1930 and 1935 from Bureau of Agricultural Economics' and Bureau of the Census' cooperative study.

TABLE 652.—Farm-mortgage debt, by principal lender groups and by States and geographic divisions, outstanding January 1, 1938

State and division	Total	Held by—			
		Federal land banks and Land Bank Commissioner	Life insurance companies	Joint stock land banks ¹	Other lenders ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	31,745	11,820	1		19,924
New Hampshire.....	12,097	2,289			9,808
Vermont.....	33,878	6,487			27,390
Massachusetts.....	56,131	11,604	5		44,522
Rhode Island.....	5,114	1,878			3,236
Connecticut.....	50,370	9,177	4		41,189
New England.....	189,335	43,255	11		146,069
New York.....	210,252	50,493	239	2,900	156,620
New Jersey.....	50,383	13,789	220	475	35,899
Pennsylvania.....	139,092	29,187	113	2,550	108,142
Middle Atlantic.....	400,627	93,469	572	5,925	300,661
Ohio.....	210,854	79,969	29,742	5,778	95,365
Indiana.....	198,989	98,037	49,295	13,281	38,376
Illinois.....	428,308	185,174	96,134	9,807	137,103
Michigan.....	172,817	77,368	3,126	1,097	91,226
Wisconsin.....	421,053	132,080	8,814		280,159
East North Central.....	1,432,021	572,628	187,111	30,053	642,229
Minnesota.....	355,601	169,622	45,313	512	140,154
Iowa.....	720,973	268,764	212,968	8,986	230,255
Missouri.....	238,470	63,359	66,929	2,552	115,630
North Dakota.....	181,566	110,789	7,029		63,748
South Dakota.....	173,633	83,494	22,365		67,245
Nebraska.....	390,060	161,727	54,497	1,951	171,885
Kansas.....	298,931	142,551	56,508	2,873	96,999
West North Central.....	2,359,254	1,000,306	455,609	17,423	885,916
Delaware.....	10,004	1,355	18		8,631
Maryland ³	46,728	12,705	1,558	442	32,023
Virginia.....	72,081	37,055	2,963	1,756	30,277
West Virginia.....	22,342	11,571		915	9,387
North Carolina.....	80,658	36,785	8,208	7,924	27,741
South Carolina.....	45,384	26,693	2,785	1,236	14,670
Georgia.....	74,858	40,211	11,164	2,232	21,251
Florida.....	31,515	18,751	426		12,338
South Atlantic.....	383,570	185,126	27,621	14,505	156,318
Kentucky.....	99,863	54,911	9,655	1,557	33,740
Tennessee.....	80,345	45,576	12,284	266	22,219
Alabama.....	74,788	37,159	3,260	1,323	33,046
Mississippi.....	79,359	36,482	17,100	929	24,848
East South Central.....	334,355	174,128	42,299	4,075	113,853
Arkansas.....	68,977	25,596	10,866	2,157	30,358
Louisiana.....	50,753	26,043	7,060	199	17,451
Oklahoma.....	167,623	55,526	28,729	1,049	82,319
Texas.....	513,095	265,088	80,253	22,023	145,761
West South Central.....	800,448	372,223	126,908	25,428	275,889
Montana.....	92,423	29,122	2,234	277	60,790
Idaho.....	90,033	37,485	6,432	83	45,833
Wyoming.....	44,866	14,364	202	1,250	29,050
Colorado.....	103,390	38,926	3,846	1,930	58,688
New Mexico.....	23,894	12,631	871		10,392
Arizona.....	27,228	10,397	1,118		15,632
Utah.....	45,976	22,041	510	9	23,416
Nevada.....	15,007	4,127	1,617	69	9,194
Mountain.....	442,817	169,093	17,030	3,699	252,995
Washington.....	124,657	42,093	14,366	571	67,627
Oregon.....	111,894	37,812	7,968	2,092	64,022
California.....	603,178	145,829	15,975	392	340,982
Pacific.....	739,729	225,734	38,309	3,055	472,631
United States.....	7,082,156	2,835,962	895,470	104,163	3,246,561

¹ Includes banks in receivership.² Includes commercial banks. Data are based on location of mortgaged farms, and are not comparable by States with those in table 653, which are based on location of bank.³ Includes District of Columbia.⁴ Excludes Puerto Rico.

Bureau of Agricultural Economics. Data for Federal land banks and Land Bank Commissioner, and for joint stock land banks from Farm Credit Administration.

TABLE 653.—Farm-mortgage loans held by insured commercial banks by States and geographic divisions, on specified dates 1935-39¹

State and division	Jan. 1, 1935	Jan. 1, 1936	Jan. 1, 1937	July 1, 1937	Jan. 1, 1938	July 1, 1938	Jan. 1, 1939
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,740	1,627	1,680	1,587	1,581	1,643	1,691
New Hampshire.....	665	651	629	613	613	665	685
Vermont.....	11,778	11,435	9,325	9,040	8,551	8,393	8,318
Massachusetts.....	1,395	1,587	1,178	1,165	1,200	1,155	1,344
Rhode Island.....	285	253	242	233	249	250	298
Connecticut.....	1,743	1,398	2,142	1,418	1,266	1,288	1,292
New England.....	17,606	16,951	15,105	14,076	13,760	13,394	13,628
New York.....	17,412	17,186	16,328	15,827	15,470	15,635	15,266
New Jersey.....	3,852	3,712	3,775	3,664	3,664	3,878	4,328
Pennsylvania.....	20,950	20,715	20,294	22,584	22,760	22,289	24,459
Middle Atlantic.....	42,214	41,613	40,397	42,075	41,804	41,802	44,033
Ohio.....	32,714	32,464	34,491	36,961	37,220	38,578	38,649
Indiana.....	18,719	18,623	17,798	19,463	19,178	20,118	20,608
Illinois.....	22,777	22,489	22,314	23,154	23,176	23,211	23,092
Michigan.....	11,760	11,400	10,848	11,380	11,671	12,764	13,089
Wisconsin.....	22,366	19,245	19,359	19,658	19,817	20,829	21,642
East North Central.....	108,336	104,121	104,810	110,616	111,062	115,500	117,052
Minnesota.....	14,638	14,339	14,878	15,527	16,477	17,374	17,919
Iowa.....	26,240	30,452	35,948	39,875	40,340	41,512	42,225
Missouri.....	18,619	18,656	18,410	18,803	19,947	18,230	18,334
North Dakota.....	2,795	2,570	1,954	1,856	1,771	1,691	1,612
South Dakota.....	2,334	2,010	1,933	1,991	1,988	1,925	1,844
Nebraska.....	4,248	4,368	5,524	6,230	6,620	7,012	7,589
Kansas.....	7,384	7,868	8,571	9,234	9,335	9,811	10,204
West North Central.....	70,258	80,263	87,218	93,816	96,485	97,555	99,727
Delaware.....	3,183	3,113	2,951	2,858	2,986	2,951	2,945
Maryland.....	9,620	9,365	9,498	9,529	9,656	9,669	9,699
District of Columbia.....	51	121	167	118	104	77	125
Virginia.....	14,113	14,636	15,199	15,782	15,820	16,116	16,582
West Virginia.....	3,929	4,151	4,095	4,514	4,586	4,530	5,208
North Carolina.....	4,844	5,044	5,789	7,016	6,176	7,087	7,612
South Carolina.....	1,146	1,055	1,169	1,583	1,295	1,490	1,406
Georgia.....	5,153	5,887	5,948	7,275	5,680	7,092	6,625
Florida.....	1,581	1,834	1,981	1,914	2,112	2,254	2,711
South Atlantic.....	43,520	45,506	47,397	50,589	48,415	51,266	52,913
Kentucky.....	17,267	16,966	18,102	18,446	19,026	20,024	20,536
Tennessee.....	10,210	10,228	10,314	10,644	10,626	11,098	11,200
Alabama.....	3,917	3,834	4,082	4,506	4,196	4,774	4,646
Mississippi.....	10,683	10,459	8,979	9,187	8,222	8,694	7,996
East South Central.....	42,077	41,487	41,477	42,783	42,070	44,560	44,278
Arkansas.....	5,148	4,971	4,413	4,695	4,105	4,040	3,867
Louisiana.....	8,438	7,743	6,335	6,808	6,319	6,627	6,295
Oklahoma.....	3,424	3,192	3,331	3,446	3,482	3,650	3,787
Texas.....	17,184	14,954	13,534	13,049	11,799	11,471	11,342
West South Central.....	34,194	30,860	27,813	27,798	25,705	25,688	25,291
Montana.....	2,174	1,366	1,311	1,263	1,212	1,170	1,163
Idaho.....	1,313	1,257	1,170	1,209	1,102	1,184	1,078
Wyoming.....	1,415	1,346	1,073	1,177	1,238	1,245	1,032
Colorado.....	3,117	2,533	2,331	2,406	2,242	2,620	2,490
New Mexico.....	818	561	527	572	503	628	468
Arizona.....	805	848	1,059	861	978	1,073	1,129
Utah.....	3,117	2,530	2,621	2,785	2,666	3,058	2,731
Nevada.....	358	273	240	280	338	356	349
Mountain.....	13,117	10,744	10,332	10,563	10,279	11,334	10,380
Washington.....	3,290	3,624	3,657	3,772	3,997	4,236	4,229
Oregon.....	2,667	2,350	2,250	2,335	2,181	2,228	2,329
California.....	115,563	109,986	107,078	105,718	105,602	105,181	105,416
Pacific.....	121,520	115,960	112,985	111,825	111,780	111,645	111,974
United States.....	498,842	487,505	487,534	504,138	501,450	512,774	519,276

¹ Loans are classified according to location of bank, and are not comparable by States with those for "other lenders" shown in table 652, which are based on location of mortgaged farms. Insured commercial banks on June 30, 1938, held about 98 percent of the deposits of all commercial banks.

Bureau of Agricultural Economics. Data reported to the Federal Deposit Insurance Corporation, the Board of Governors of the Federal Reserve System, and the Comptroller of the Currency.

TABLE 654.—*Short- and intermediate-term agricultural loans reported by Federally sponsored agencies and commercial banks as outstanding at the end of year, 1929-38*

End of year	Federal intermediate credit bank loans to—		Production credit associations	Regional agricultural credit corporations	Emergency crop loan offices ¹	Commercial banks
	Cooperative associations	Financing agencies				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	26,073	60,018			\$ 6,924	
1930.....	64,377	65,633			* 7,894	(9)
1931.....	45,177	74,691			50,127	* 1,936,360
1932.....	9,866	82,518		24,373	90,754	(9)
1933.....	15,211	60,989	27	144,636	91,090	(9)
1934.....	33,969	55,672	60,852	87,102	111,165	807,613
1935.....	2,731	47,162	94,096	43,400	172,490	(9)
1936.....	1,641	41,017	105,212	25,288	164,887	593,614
1937.....	1,813	40,464	138,169	15,592	172,130	788,351
1938.....	920	83,545	148,037	11,081	170,891	1,064,667

¹ Emergency crop loan offices include \$32,444,000 drought loans in 1934; \$65,514,000 in 1935; \$60,397,000 in 1936; \$57,113,000 in 1937, and \$54,764,000 in 1938.

* Data unavailable.

² June 30. Partly estimated by the Bureau of Agricultural Economics.

Bureau of Agricultural Economics.

TABLE 655.—*Personal and collateral loans to farmers held by insured commercial banks, by States and geographic divisions, on specified dates, 1935, 1936, 1937, 1938, and 1939¹*

State and division	Jan. 1, 1935	July 1, 1936 ²	Jan. 1, 1937	July 1, 1937	Jan. 1, 1938	July 1, 1938	Jan. 1, 1939
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,269	1,662	1,696	1,219	1,783	1,951	1,825
New Hampshire.....	1,136	500	503	505	545	576	781
Vermont.....	3,320	2,375	1,812	2,412	2,453	2,410	2,412
Massachusetts.....	2,028	1,510	1,473	1,377	1,716	1,779	2,637
Rhode Island.....	397	289	117	124	99	96	173
Connecticut.....	2,141	545	480	821	1,396	1,479	1,424
New England.....	11,291	6,871	6,081	6,458	7,992	8,291	9,252
New York.....	26,032	23,164	19,310	22,298	20,409	22,956	31,948
New Jersey.....	8,211	9,103	4,052	5,776	5,148	5,228	5,127
Pennsylvania.....	30,081	19,037	15,286	15,955	17,620	19,250	17,137
Middle Atlantic.....	64,324	51,304	38,648	43,999	43,174	47,434	54,212
Ohio.....	24,946	16,276	15,440	17,598	21,672	24,752	23,985
Indiana.....	22,788	15,460	14,009	16,446	18,958	21,511	23,609
Illinois.....	42,770	38,108	38,867	40,378	58,839	50,143	75,295
Michigan.....	8,979	7,145	7,705	9,508	11,764	13,984	14,779
Wisconsin.....	21,707	13,583	13,009	14,627	15,267	17,909	18,641
East North Central.....	121,260	90,842	89,120	98,557	126,500	128,299	156,309
Minnesota.....	32,353	32,137	30,866	33,876	39,932	40,819	49,008
Iowa.....	40,551	41,871	41,611	44,986	64,080	64,231	88,312
Missouri.....	34,517	31,978	30,597	37,532	36,945	46,644	60,827
North Dakota.....	8,736	9,177	8,436	8,816	8,788	9,029	10,056
South Dakota.....	12,660	14,501	13,394	13,371	15,828	14,972	16,329
Nebraska.....	32,219	36,895	34,462	37,501	42,172	41,346	47,898
Kansas.....	27,531	33,736	31,146	35,154	34,848	38,718	39,498
West North Central.....	188,567	200,295	190,512	211,236	242,593	255,759	311,928

See footnotes at end of table.

TABLE 655.—*Personal and collateral loans to farmers held by insured commercial banks, by States and geographic divisions, on specified dates, 1935, 1936, 1937, 1938, and 1939—Continued*¹

State and division	Jan. 1, 1935	July 1, 1936 ²	Jan. 1, 1937	July 1, 1937	Jan. 1, 1938	July 1, 1938	Jan. 1, 1939
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Delaware.....	1,938	786	597	449	709	599	356
Maryland.....	7,843	3,303	3,054	2,800	3,047	3,588	3,679
District of Columbia.....	34	1	0	1	52	0	6
Virginia.....	19,952	9,332	8,221	10,112	10,285	9,642	10,616
West Virginia.....	6,113	2,063	1,408	2,304	2,219	2,230	2,249
North Carolina.....	14,150	5,485	2,503	8,116	4,107	10,992	5,194
South Carolina.....	12,896	3,792	1,073	5,383	3,722	9,168	5,643
Georgia.....	32,847	10,297	6,360	13,686	13,554	26,095	25,357
Florida.....	2,925	1,389	1,775	1,963	2,496	3,287	3,891
South Atlantic.....	98,698	36,448	24,991	44,823	40,191	65,601	56,991
Kentucky.....	23,566	10,190	9,264	9,442	11,646	11,960	11,821
Tennessee.....	26,642	9,668	7,934	10,613	13,351	34,219	42,833
Alabama.....	28,955	13,173	6,255	17,507	19,794	34,419	31,929
Mississippi.....	8,728	7,945	3,412	9,866	9,350	14,253	16,107
East South Central.....	87,891	40,976	26,865	47,428	54,141	94,851	102,690
Arkansas.....	14,562	8,513	4,239	10,025	13,958	19,593	30,057
Louisiana.....	5,962	3,637	2,052	4,724	3,840	12,018	20,674
Oklahoma.....	21,775	25,781	22,008	26,363	25,747	30,700	31,852
Texas.....	69,171	69,176	53,883	73,801	72,689	84,243	99,382
West South Central.....	111,470	107,107	82,182	114,913	116,234	146,554	181,965
Montana.....	9,995	9,842	8,534	10,284	9,638	11,161	13,152
Idaho.....	6,760	8,426	8,817	9,376	10,146	11,095	10,575
Wyoming.....	11,019	12,490	9,794	12,563	11,844	13,375	12,028
Colorado.....	16,633	15,044	20,771	17,405	23,729	19,056	23,129
New Mexico.....	3,124	4,512	4,280	5,336	5,266	5,676	5,648
Arizona.....	1,728	3,198	6,824	4,529	5,037	5,446	9,580
Utah.....	8,505	5,217	9,297	8,232	10,096	9,511	9,206
Nevada.....	733	767	981	919	846	967	1,275
Mountain.....	58,497	59,496	69,298	68,644	76,602	76,287	84,593
Washington.....	10,493	8,988	8,338	10,554	12,889	14,089	12,320
Oregon.....	7,194	8,515	7,667	8,694	10,699	12,532	14,816
California.....	47,908	50,764	49,912	71,094	57,336	76,008	79,591
Pacific.....	65,595	68,267	65,917	90,342	80,924	102,629	106,727
United States.....	807,613	661,606	593,614	726,400	788,351	925,705	1,064,667

¹ Formerly shown as of Dec. 31 and June 30. Insured commercial banks on June 30, 1938, held about 98 percent of the deposits of all commercial banks.

² Data for Jan. 1, 1936, not available.

Bureau of Agricultural Economics. Based upon data reported to the Federal Deposit Insurance Corporation, the Board of Governors of the Federal Reserve System, and the Comptroller of the Currency.

TABLE 656.—Demand deposits of country banks in 20 leading agricultural States, and 3 selected farming regions, index numbers, 1924-38¹

[1924-29=100]

Year	20 leading agricultural States ²	7 Corn Belt States ³	8 cotton-growing States ⁴	8 range States ⁵	Year	20 leading agricultural States ²	7 Corn Belt States ³	8 cotton-growing States ⁴	8 range States ⁵
1924.....	96.6	100.1	98.3	96.1	1932.....	57.3	59.6	41.8	54.7
1925.....	102.1	103.1	105.2	96.5	1933.....	48.6	48.8	41.4	46.8
1926.....	101.6	102.3	104.7	98.9	1934.....	66.0	70.7	59.1	63.9
1927.....	99.0	97.6	100.1	98.4	1935.....	(⁶)	(⁶)	(⁶)	(⁶)
1928.....	101.7	99.7	98.7	106.6	1936.....	97.6	106.9	94.7	101.3
1929.....	99.0	97.2	93.0	103.6	1937.....	105.7	115.4	105.0	110.4
1930.....	89.4	90.7	77.2	91.3	1938.....	102.7	112.4	93.3	106.4
1931.....	75.4	78.1	69.6	76.2					

¹ Banks located in places of less than 15,000 population (population classification of 1930 census). Selection of States for the 20-States series has been based upon the relative importance of the amount of their farm income, while the 3 additional series have been selected on a geographical basis to show regional movements. Each State weighted by its cash farm income in the base period.

² Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, and Wisconsin.

³ Illinois, Indiana, Iowa, Minnesota, Missouri, Nebraska, and Ohio.

⁴ Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, and South Carolina.

⁵ Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

⁶ 5 months of 1935 are unavailable.

Bureau of Agricultural Economics. Based on data reported by member banks of the Federal Reserve System.

TABLE 657.—Interest and discount rates on current loans, and bond yields, selected series, 1920-38

Year	12 Federal land banks' rates to borrowers ¹	12 Federal intermediate credit bank district loan and discount rates ¹		Yields on long-term Federal farm loan bonds ²	Rates on commercial paper (4-6 months average) ³	Federal Reserve bank discount rates, New York ⁴
		Loans	Discounts			
	Percent	Percent	Percent	Percent	Percent	Percent ⁴
1920.....	5.50			5.14	7.46	4½-7
1921.....	5.88			5.11	6.59	4½-7
1922.....	5.71			4.50	4.48	4 -4½
1923.....	5.50	5.50	5.50	4.39	5.01	4 -4½
1924.....	5.50	5.12	5.33	4.55	3.87	3 -4½
1925.....	5.46	4.59	5.04	4.34	4.03	3 -3½
1926.....	5.39	4.70	4.90	4.18	4.34	3½-4
1927.....	5.11	4.51	4.73	4.13	4.10	3½-4
1928.....	5.05	4.81	4.91	4.20	4.85	3½-5
1929.....	5.32	5.56	5.61	4.62	5.84	4½-6
1930.....	5.63	4.53	4.54	4.58	3.58	2½-4½
1931.....	5.63	4.08	4.08	5.13	2.63	1½-3½
1932.....	5.61	4.23	4.23	5.32	2.73	2½-3½
1933.....	5.30	3.10	3.10	5.18	1.72	2 -3½
1934.....	5.00	2.29	2.29	4.17	1.01	1½-2
1935.....	4.32	2.00	2.00	3.13	.76	1½
1936.....	4.00	2.00	2.00	2.81	.75	1½
1937.....	4.00	2.00	2.00	2.75	.95	1 -1½
1938.....	4.00	2.00	2.00	2.37	.81	1

¹ Figures for the Federal land banks are rates to borrowers through national farm loan associations. Each Federal land bank district or Federal intermediate credit bank district is given equal weight in computing the respective rates for these 2 types of credit, and the rate for each district is weighted by the number of days in force.

² From 1920 through 1925 data are based on semiannual averages of the yields on all issues of Federal land bank bonds. Beginning 1926, yields are based on average daily yield on asked prices of long-term issues, excluding bonds callable in 5 years or less.

³ Board of Governors of the Federal Reserve System.

⁴ Range.

Bureau of Agricultural Economics. Data for Federal land banks, Federal intermediate credit banks, and Federal farm loan bonds from Farm Credit Administration; those for rates on commercial paper and Federal Reserve bank discount rates from Board of Governors of the Federal Reserve System.

TABLE 658.—Number of applications, acres diverted, and payments made in the 1937 agricultural conservation program

Region and State	Number of applications for payment	Per- cent of land cov- ered	Acres diverted				Payments											
			From general base			From tobacco base	From peanut base	Class 1					Class 2	Range	Naval stores	Grand total		
			From general base	From cotton base	Acres			Gen- eral	Cot- ton	To- bacco	Pea- nuts	Rice					Sugar- cane and sweet beans	Total
Northeast:																		
Maine.....	10,561	Percent 49.6	Acres 226, 116					1,000 dollars 367	1,000 dollars 367	1,000 dollars 367	1,000 dollars 367	1,000 dollars 403	1,000 dollars 403	1,000 dollars 500	1,000 dollars 500			
New Hampshire.....	5,343	47.1	41											451	451			
Massachusetts.....	7,310	41	7,750											456	456			
Rhode Island.....	514	28.0			6,024					54		312		366	366			
Connecticut.....	4,935	40.1	9,506									27		27	27			
New York.....	48,935	43.9	4, 698		10,915					102		238		340	340			
New Jersey.....	11,555	69.6			606					7		931		931	931			
Pennsylvania.....	56,031	46.8	991, 223					426		92		2,799		3,317	3,317			
Total.....	151,756	46.3	838, 437		32, 045			793		255		1, 048	9, 372		10, 420			
North Central:																		
Ohio.....	131,000	57.1	4, 721, 500		21, 750			3, 494		206		46	3, 746	1, 767	5, 846			
Indiana.....	91,788	49.8	4, 753, 282		8, 576			4, 284		70		8	4, 362	2, 100	6, 129			
Illinois.....	95,000	39.9	6, 950, 000		1, 250			6, 430		6		2	6, 437	1, 980	8, 417			
Michigan.....	127,200	75.0	4, 485, 014					3, 394				162	3, 556	2, 512	6, 068			
Wisconsin.....	148,000	86.2	5, 145, 247		21,860			4, 623		307		19	4, 849	3, 228	8, 075			
Missouri.....	160,615	71.6	17, 816, 460		4, 321			6, 457		432		1	6, 919	2, 363	9, 282			
South Dakota.....	121,739	70.0	10, 655, 026					10, 240		3		65	16, 317	2, 375	18, 292			
Minnesota.....	143,203	60.3	11, 905, 054		352			14, 212				3	17, 692	2, 040	19, 692			
Iowa.....	83,250	61.7	11, 055, 168					7, 855				285	8, 140	2, 393	10, 883			
Nebraska.....	1, 192, 996	63.9	80, 996, 048		196, 739			69, 749		535		1	71, 342	25, 487	97, 967			
Total.....	1, 192, 996	63.9	80, 996, 048		196, 739			69, 749		535		1	71, 342	25, 487	97, 967			
East Central:																		
Delaware.....	4, 426	67.1	239, 779					265				985	265	265	465			
Virginia.....	14,700	61.3	725, 423		18, 332			619		125		74	638	74	1, 459			
West Virginia.....	51,500	54.2	1, 473, 796		60, 063			1, 098		89		2, 017	1, 494		3, 511			
North Carolina.....	27,350	52.3	4, 475, 810					4, 420		28		8, 648	675		1, 123			
South Carolina.....	108,000	64.9	1, 066, 655		493, 161			402		3, 773		8, 608	1, 402		10, 010			
Kentucky.....	120,000	82.4	3, 054, 350		19, 831			2, 352		71		8, 662	1, 252		10, 917			

Tennessee	87,000	61.7	2,238,378	833,954	111,463	5,045	1,727	2,756	915	7	5,405	2,293	7,688
Total	412,976	66.8	10,116,847	1,970,503	1,157,236	210,684	7,383	7,066	9,432	271	24,152	10,991	35,143
Southern:													
South Carolina	69,700	66.5	1,912,000	1,538,000	82,000	4,000	244	4,803	512	27	5,416	692	8,027
Florida	91,700	66.2	2,326,000	2,442,000	27,000	298,000	1,000	5,966	424	238	6,664	911	8,267
Alabama	24,700	62.2	1,072,000	1,072,000	7,000	28,000	1,000	1,320	48	32	418	1,035	1,595
Mississippi	124,800	76.0	2,224,000	2,751,000	7,200	192,000	97	6,916	1	138	7,152	1,302	8,478
Louisiana	78,700	76.2	1,799,000	3,202,000	3,202,000	3,202,000	3	7,645	1	1	7,648	1,855	22
Arkansas	68,100	83.0	1,494,000	1,494,000	1,494,000	1,494,000	28	3,884	1	1	5,635	1,922	9,508
Oklahoma	95,200	79.2	2,065,000	2,065,000	2,065,000	2,065,000	645	6,175	1	1	7,398	1,085	9,083
Texas	97,700	56.2	5,641,000	2,288,000	10,000	5,184	5,075	19,372	25	25	10,284	1,099	12,533
Total	191,200	64.0	11,603,000	9,691,000	134,000	9,754	19,372	1,015	581	2,325	700	80,505	100,476
Western:													
Arizona	3,047	56.2	114,092	136,233	115,200	675,000	16,108	19,776	1,015	581	2,325	700	80,505
California	45,835	52.8	2,196,375	78,629	1,645	518	131	565	445	567	716	163	1,147
Colorado	38,959	69.7	4,927,744	78,629	2,579	1,049	1,049	518	445	567	3,176	2,667	6,025
Idaho	18,696	57.1	1,327,536	576	9,778	1	1	1	1	1	3,242	1,505	4,944
Kansas	101,398	67.9	1,481,313	576	89	1,049	1,049	1,049	1,049	1,049	1,266	610	1,911
Nebraska	15,994	62.2	1,233,922	87,730	757	289	757	289	35	11,373	2,551	67	15,711
New Mexico	100,765	84.8	16,868,646	87,730	11,338	11,338	11,338	11,338	12	1,203	1,090	174	2,699
North Dakota	22,164	72.9	2,007,804	87,730	1,191	1,063	1,191	1,063	23	1,063	712	53	13,991
Oregon	20,294	49.1	2,406,495	49.1	1,063	1,063	1,063	1,063	23	1,063	712	53	2,467
Washington	40,912	85.2	7,362,262	40,912	4,251	4,251	4,251	4,251	347	4,098	2,410	412	1,851
Montana	15,756	72.7	509,648	509,648	350	350	350	350	189	539	365	25	7,420
Utah	9,614	70.3	833,292	833,292	535	535	535	535	221	786	404	460	1,929
Wyoming	434,509	68.2	54,768,670	303,167	34,733	1,303	34,733	1,303	445	2,293	38,895	18,570	1,560
Total	434,509	68.2	54,768,670	303,167	89	34,733	1,303	1	445	2,293	38,895	18,570	60,475
Insular Division:													
Alaska	3,020,037	64.8	175,157,002	28,632,400	1,301,334	885,684	128,796	68,072	11,238	832	2,771	3,613	359
Hawaii													760
Puerto Rico													1,500
Total													2,263
Grand total													359

Agricultural Adjustment Administration. Preliminary report, subject to revision.

TABLE 659.—Selected soil- and range-building practices carried out under the 1937 agricultural and range conservation programs

Region and State	Agricultural conservation program										Range-conservation program	
	New seedings		Green manure and cover crops	Forest trees practices ¹	Application of ground limestone or equivalent	Application of other fertilizers ²	Terracing	Protected fallow	Other erosion-control practices ³	Construction of dains, pits, and reser-voirs	Natural resseeding by deferred grazing	
	Alfalfa ¹	Other legumes and legume mixtures										Perennial grasses
	Acres	Acres	Acres	Acres	Tons	Tons	1,000 feet	Acres	Acres	Cubic yards	Acres	
Northeast:												
Maine.....		86,344	16,831	884	37,975	6,949			524			
New Hampshire.....	1,610	10,826	1,071	2,123	16,198	4,628						
Vermont.....	5,946	9,219	260	1,062	33,401	17,960						
Massachusetts.....	2,252	11,989	11,047	686	26,521	6,251						
Rhode Island.....	257	1,071	5	5	2,789	856						
Connecticut.....	2	3,900	416	18,542	34,609	4,848						
New York.....	73,992	337,346	93,231	2,908	208,408	127,199			2,056			
New Jersey.....	26,915	334,619	163,312	1,535	111,536	11,558						
Pennsylvania.....	112,924	423,439	157,722	2,842	502,317	60,555						
Total.....	226,803	947,624	366,646	11,079	1,034,114	240,704			2,580			
North Central:												
Ohio.....	239,400	1,358,200	7,300	310	283,000	782			1,100			
Indiana.....	161,699	822,751	789	11	249,211	52						
Illinois.....	140,000	1,064,000	2,890	10	245,000	1,974	130		50			
Michigan.....	183,400	1,044,800	4,800	9,853	201,900	1,297						
Wisconsin.....	693,426	1,345,969	3,366	1,243	406,000	1,470						
Missouri.....	93,648	982,743	296,893	1,752	195,720	1,513	31		71			
South Dakota.....	145,583	315,015	34,838	3,593	31,221	493	2	1,719,463	28,201	2,027,371	3,684,859	
Minnesota.....	344,489	1,396,323	132,825	28,016	218,557	327	37		720			
Iowa.....	298,338	1,821,970	320,295	252	216	327	217	815,550	25,805	140,928	1,285,255	
Nebraska.....	299,792	419,080		4,966	100	19						
Total.....	2,797,471	10,162,184	61,328	49,079	2,290,718	7,789	419	2,535,003	55,937	2,168,299	4,370,064	
East Central:												
Delaware.....	1,247	114,259	35,938	54	19,238	1,211						
Maryland.....	14,775	441,657	66,463	171	148,157	7,462						
Virginia.....	16,387	599,547	223,250	631	291,102	20,706	1,761					
West Virginia.....	12,353	299,184	26,842	751	152,883	15,797						

North Carolina.....	1,609	546,597	1,785	949,917	1,530	63,463	2,336	10,535			
Kentucky.....	64,263	1,915,937	108,066	282,161	2,057	642,642	16,479	731			
Tennessee.....	23,160	1,314,765	13,580	426,353	1,819	265,864	61,200	11,475			
Total.....	133,794	5,144,940	103,527	2,010,944	7,013	1,573,379	128,221	24,502			
Southern:											
South Carolina.....	800	50,000	2,000	328,400	400	1	190	8,200			
Georgia.....	3,100	223,000	14,000	775,100	4,300	1,500	1,331	31,559			
Florida.....	20	4,700	28,000	629,700	2,400	28,100	9,003	2,959			
Alabama.....	2,000	425,000	28,000	411,900	700	54	54	74,875			
Mississippi.....	15,000	507,000	100,000	412,300	3,000	412	3,003	41,080			
Arkansas.....	8,500	283,000	34,000	412,300	1,300	2	13	10,895			
Oklahoma.....	25,000	783,000	84,000	555,900	400	1	1	17,442			
Texas.....	79,000	107,000	74,500	1,352,500	500	1	1	64,600			
Total.....	169,920	2,688,700	498,500	8,088,003	11,000	30,021	15,538	255,771	154,000	5,382,000	4,218,000
Western:											
California.....	36,603	6,874	60	7,613	150			95	35		
Colorado.....	183,558	11,685	6,500	970,413	600			121	538,610	1,432,370	89,140
Idaho.....	140,156	30,743	5,414	108,016	13			159	299,262	202,016	173,757
Kansas.....	108,114	168,948	13,702	188,018	1,994	43,141	775	6,247	98,886	351,824	356,760
Nevada.....	2,468	2,468	666	188,018	2				216,660	25,329	38,983
New Mexico.....	25,905	8,816	1,400	348,102	605			6,525	155,422	690,507	213,820
North Dakota.....	25,905	806,105	38,375	348,102	3,492				266,254	3,345,483	1,002,962
Washington.....	173,269	47,100	37,372	59,171	34	16,935	2,703		286,342	163,831	129,950
Montana.....	224,215	51,528	10,166	40,428	34	1,512	389		308	55,945	114,190
Utah.....	79,937	226,398	140,363	3,344	1,886			19	497,267	1,601,040	1,080,947
Wyoming.....	73,087	13,570	878	5,404	955				9,959	79,216	26,895
Total.....	1,320,549	1,510,600	320,260	1,790,574	10,469	61,608	4,733	13,177	139,574	2,900	2,049,810
United States.....	4,946,537	20,464,054	3,959,279	12,287,405	88,640	4,080,840	306,985	293,860	6,856,655	1,382,013	10,089,773
										6,822,550	31,383,372

¹ Includes kudzu in southern region and all perennial legumes in western region.

² Planting and maintaining and improving stands.

³ 16 percent superphosphate or equivalent. 363,462 tons; basic slag or rock phosphate, 6,645 tons; gypsum, 2,729 tons; other, 17,154 tons.

⁴ Strip cropping, contour or basin listing, and contour farming.

Agricultural Adjustment Administration. Preliminary report, subject to revision.

TABLE 660.—*Status of private-land program of the Soil Conservation Service, cumulative, June 30, 1938*

EXTENT OF PROJECTS AND WORK AREAS

Item	Activities of—		Total
	Soil Conser- vation Service ¹	Civilian Conservation Corps ²	
Project and work areas.....number.....	² 165	² 339	504
Do.....acres.....	8,490,649	² 10,375,000	18,865,649
Farms in project and work areas.....number.....	64,959	² 68,138	133,097
Cooperative agreements signed.....acres.....	3,594,350	7,766,786	11,361,136
Do.....number.....	24,263	36,878	61,261
Cooperative agreements (active).....acres.....	3,398,727	7,614,547	11,013,274
Do.....number.....	22,938	36,035	58,973

CONDITIONS BEFORE AGREEMENT

Cultivated land.....acres.....	1,872,523	3,354,569	5,227,092
Clean-tilled crops.....do.....	1,005,263	1,801,431	2,806,694
Erosion-resisting crops.....do.....	351,605	1,628,951	980,555
Semi-erosion-resisting crops.....do.....	515,655	834,187	1,349,842
Approved rotations.....do.....	195,100	603,285	798,385
Contour tillage.....do.....	287,864	446,761	734,625
Total terracing.....do.....	60,747	159,522	220,269
Total strip cropping.....do.....	20,050	25,680	45,730
Protected by winter cover crops.....do.....	59,052	190,841	249,893
Cultivated land to be converted to other uses.....do.....	319,990	647,596	967,586
Pasture and range land.....acres.....	994,452	3,012,939	3,947,421
Forest range.....do.....	1,149	2,485	3,634
Pasture and range to be converted to other uses.....do.....	68,014	164,730	232,744
Permanent hay land.....do.....	63,434	157,507	220,941
Permanent hay to be converted to other uses.....do.....	7,513	11,639	19,152
Woodland.....do.....	507,430	809,115	1,376,545
Woodland to be converted to other uses.....do.....	12,748	51,737	64,485
Orchard and vineyard.....do.....	16,060	17,860	33,929
Annual cover crops.....do.....	² 1,317	² 901	² 2,308
Perennial cover crops.....do.....	² 418	² 1,492	² 1,910
Orchards to be converted to other uses.....do.....	533	763	1,296
Wildlife.....do.....	182	401	583
Other land.....do.....	200,230	354,386	554,625
Other land to be converted to other uses.....do.....	49,214	57,793	107,007

PROGRAM PLANNED

Cultivated land.....acres.....	1,595,109	2,852,387	4,447,496
Clean-tilled crops.....do.....	688,587	1,379,319	2,067,906
Erosion-resisting crops.....do.....	449,802	772,655	1,222,457
Semi-erosion-resisting crops.....do.....	486,720	700,413	1,187,133
Approved rotations.....do.....	1,371,968	2,491,504	3,863,472
Contour tillage.....do.....	1,113,517	2,003,635	3,117,152
Total terracing.....do.....	769,609	1,234,901	2,004,570
Total strip cropping.....do.....	678,437	1,009,498	1,687,935
Protected by winter cover crops.....do.....	184,584	421,558	606,442
Decrease in clean-tilled crops.....do.....	316,676	512,112	828,788
Taken out of cultivation.....do.....	277,414	502,182	779,596
Pasture and range land.....acres.....	1,036,760	3,161,521	4,198,281
Forest range.....do.....	1,149	2,485	3,634
Permanent hay land.....do.....	178,195	352,505	530,700
Woodland.....do.....	609,880	1,060,821	1,679,701
Orchard and vineyard.....do.....	16,190	18,240	34,430
Annual cover crops.....do.....	² 4,423	² 4,584	² 9,007
Perennial cover crops.....do.....	² 1,543	² 2,337	² 3,880
Wildlife.....do.....	3,335	6,080	9,415
Other land.....do.....	154,881	306,232	461,113

COOPERATORS' PERFORMANCE AS OF DEC. 31, 1937

Cooperative agreements.....number.....	21,685	31,465	53,150
Do.....acres.....	3,236,263	6,528,224	9,764,487
Cultivated land.....do.....	1,528,389	2,536,603	4,064,992
Clean-tilled crops.....do.....	685,905	1,146,911	1,832,816
Erosion-resisting crops.....do.....	345,474	576,623	922,097
Semi-erosion-resisting crops.....do.....	497,010	813,069	1,310,079
Approved rotations.....do.....	1,099,945	1,785,295	2,846,240
Contour tillage.....do.....	734,279	1,154,275	1,888,554
Combination terracing and strip cropping.....do.....	150,993	188,875	339,868

See footnotes at end of table.

TABLE 660.—*Status of private-land program of the Soil Conservation Service, cumulative, June 30, 1938—Continued*

COOPERATORS' PERFORMANCE AS OF DEC. 31, 1937—Continued

Item	Activities of—		Total
	Soil Conservation Service ¹	Civilian Conservation Corps ²	
Cultivated land—Continued.			
Total terracing.....acres.....	481, 121	655, 432	1, 136, 553
Total strip cropping.....do.....	344, 606	425, 511	770, 117
Protected by winter cover crops.....do.....	85, 158	180, 283	265, 441
Decrease in clean-tilled crops.....do.....	243, 977	402, 258	646, 235
Taken out of cultivation.....do.....	186, 312	238, 482	424, 794
Pasture and range land.....do.....	874, 677	2, 632, 527	3, 507, 204
Forest range.....do.....	61	1, 921	1, 982
Permanent hay land.....do.....	125, 217	178, 496	303, 713
Woodland.....do.....	560, 774	970, 311	1, 531, 085
Orchard and vineyard.....do.....	17, 769	13, 724	31, 493
Wildlife.....do.....	4, 625	7, 173	11, 798
Other land.....do.....	124, 812	189, 390	314, 202

OTHER FIELD OPERATIONS COMPLETED, CUMULATIVE JUNE 30, 1938

Cultivated land:			
Improved tillage.....acres.....	43, 101	10, 661	62, 762
Contour listing.....do.....	24, 282	4, 776	29, 058
Hummock leveling.....do.....	11, 689	1, 948	13, 637
Pasture and range lands:			
Fertilizing and liming.....do.....	26, 721	33, 858	60, 579
Seeding and sodding.....do.....	94, 767	170, 243	265, 010
Contour furrowing.....do.....	182, 320	259, 434	441, 754
Terracing.....do.....	15, 905	24, 739	40, 644
Stock ponds.....number.....	735	2, 185	2, 920
Storage of stock ponds.....acre-feet.....	4, 131	13, 628	17, 759
Springs and wells developed.....number.....	108	560	668
Woodlands:			
Placed under management.....acres.....	611, 183	1, 073, 133	1, 684, 316
Field plantings.....do.....	64, 309	97, 453	161, 762
Gully plantings.....do.....	18, 400	59, 034	77, 434
Windbreak plantings.....do.....	3, 386	1, 576	4, 966
Other plantings.....do.....	8, 984	12, 592	21, 574
Total new plantings.....do.....	95, 079	170, 655	265, 734
Trees planted.....number.....	128, 541, 769	257, 763, 368	386, 305, 137
Shrubs planted.....do.....	18, 352, 430	23, 181, 302	41, 533, 732
Orchards and vineyards:			
Terraces and grade ditches.....miles.....	203	181	384
Improved irrigation methods.....acres.....	1 539	1 709	1 709
Mulching.....do.....	1 163	1 19	1 182
Miscellaneous treatments:			
Total terraces constructed.....miles.....	38, 912	43, 913	82, 825
Diversions.....linear feet.....	4, 871, 054	11, 885, 893	16, 756, 947
Outlet channels.....do.....	5, 884, 030	13, 034, 376	19, 818, 406
Pipe line outlets.....do.....	115, 995	67, 324	183, 319
Outlet structures.....number.....	179, 300	145, 517	324, 817
Grassed drainageways.....square yards.....	24, 315, 669	39, 754, 274	64, 069, 943
Range fences.....rods.....	72, 640	133, 760	206, 400
Other fences.....do.....	1, 587, 758	4, 260, 577	5, 848, 335
Water-impounding reservoirs.....do.....	103	103	103
Storage of water-impounding reservoirs.....acre-feet.....	73, 135	73, 135	146, 270
Gully-bank sloping.....square yards.....	16, 364, 778	45, 751, 228	62, 116, 006
Permanent gully structures.....number.....	23, 941	27, 226	51, 167
Temporary gully structures.....do.....	585, 638	1, 208, 249	1, 793, 887
Gully seeding and sodding.....square yards.....	101, 535, 566	134, 338, 294	235, 873, 860
Gully mulching.....do.....	4, 473, 087	22, 856, 043	27, 329, 130
Stream channels and bank improvement.....linear feet.....	651, 314	2, 531, 553	3, 182, 969
Water spreading.....acres.....	14, 969	41, 394	56, 363
Silt-retention structures.....number.....	40	432	472
Highway treatment:			
Protective work under way and completed.....miles.....	35	200	235
Demonstrations under way and completed.....do.....	35	100	135
Structures installed.....do.....	10	30	40
Banks and drainageways vegetated.....square yards.....	21, 000	108, 000	129, 000

¹ Includes work of Soil Conservation Service and Civilian Conservation Corps on demonstration project areas.² Includes work of Civilian Conservation Corps on work areas outside of project boundaries.³ Includes all projects excepting Puerto Rico.⁴ Includes all camps reporting work off demonstration project areas.⁵ Includes an estimated work area of 25,000 acres per camp plus 1,300,000 acres for public-land areas under treatment.⁶ Number of farms estimated for Civilian Conservation Corps areas.⁷ Fiscal-year figures only.

Soil Conservation Service.

TABLE 661.—*Status of 4 public-land western watershed projects of the Soil Conservation Service, cumulative, June 30, 1938*

EXTENT OF PROJECTS				
Item		Activities of—		Total
		Soil Conservation Service ¹	Civilian Conservation Corps ²	
Projects.....	number.....			4
Do.....	acres.....			54,521,564
Cooperative agreements signed.....	do.....	18,132,639	2,623,226	20,755,865
Do.....	number.....	491	303	794
Cooperative agreements (active).....	acres.....	18,131,555	2,593,150	20,724,705
Do.....	number.....	484	301	785
CONDITIONS BEFORE AGREEMENT				
Cultivated land.....	acres.....	70,962	5,908	76,870
Clean-tilled crops.....	do.....	60,369	4,600	64,969
Erosion-resisting crops.....	do.....	4,116	531	4,647
Semierosion-resisting crops.....	do.....	6,477	777	7,254
Approved rotations.....	do.....	1,047	206	1,252
Contour tillage.....	do.....	28	206	234
Total strip cropping.....	do.....	13	0	13
Protected by winter cover crops.....	do.....	4,131	298	4,429
Cultivated land to be converted to other uses.....	do.....	2,002	114	2,116
Pasture and range.....	do.....	16,296,272	2,574,390	18,870,662
Range overstocked.....	do.....	15,154,735	1,930,524	17,085,259
Range not overstocked.....	do.....	1,230,647	384,294	1,614,941
Forest range.....	do.....	661,690	984	662,674
Pasture and range to be converted to other uses.....	do.....	18,460	230	18,690
Permanent hay land.....	do.....	1,934	174	2,108
Permanent hay land to be converted to other uses.....	do.....	602	0	602
Woodland.....	do.....	64	6	70
Orchards and vineyards.....	do.....	1,147	44	1,191
Wildlife.....	do.....	0	41,776	41,776
Other land.....	do.....	1,762,260	928	1,763,188
Other land to be converted to other uses.....	do.....	903	135	1,071
PROGRAM PLANNED				
Cultivated land.....	acres.....	69,731	5,812	75,543
Clean-tilled crops.....	do.....	57,587	3,944	61,531
Erosion-resisting crops.....	do.....	5,321	933	6,154
Semierosion-resisting crops.....	do.....	6,923	935	7,858
Approved rotations.....	do.....	13,666	6,063	19,729
Contour tillage.....	do.....	12,687	5,380	18,067
Total terracing.....	do.....	637	5,335	5,972
Total strip cropping.....	do.....	5,335	0	5,335
Protected by winter cover crops.....	do.....	13,525	414	13,939
Decrease in clean-tilled crops.....	do.....	2,782	656	3,438
Taken out of cultivation.....	do.....	1,231	96	1,327
Pasture and range.....	do.....	16,278,649	2,574,306	18,852,955
Forest range.....	do.....	661,690	791	662,481
Permanent hay.....	do.....	3,190	176	3,366
Woodland.....	do.....	163	289	452
Orchards and vineyards.....	do.....	1,117	39	1,186
Wildlife.....	do.....	18,326	41,804	60,130
Other land.....	do.....	1,761,433	800	1,762,233
COOPERATORS' PERFORMANCE AS OF DEC. 31, 1937				
Cooperative agreements.....	number.....	350	302	652
Do.....	acres.....	17,820,307	2,592,031	20,412,338
Cultivated land.....	do.....	66,564	3,570	70,134
Clean-tilled crops.....	do.....	54,934	2,033	56,967
Erosion-resisting crops.....	do.....	5,094	618	5,712
Semierosion-resisting crops.....	do.....	6,536	919	7,455
Approved rotations.....	do.....	1,381	405	1,786
Total terracing.....	do.....	88	6	94
Total strip cropping.....	do.....	90	0	90
Protected by winter cover crops.....	do.....	1,413	196	1,609
Decrease in clean-tilled crops.....	do.....	2,674	2,153	4,827
Taken out of cultivation.....	do.....	617	1,790	2,407
Pasture and range.....	do.....	15,968,054	2,549,844	18,517,898
Forest range.....	do.....	661,990	791	662,481
Permanent hay.....	do.....	1,317	174	1,491
Woodland.....	do.....	66	183	249
Wildlife.....	do.....	18,296	37,736	56,032
Other land.....	do.....	1,766,010	524	1,766,534

See footnotes at end of table.

TABLE 661.—*Status of 4 public-land western watershed projects of the Soil Conservation Service, cumulative, June 30, 1938—Continued*

OTHER FIELD OPERATIONS COMPLETED, CUMULATIVE JUNE 30, 1938

Item	Activities of—		Total
	Soil Conser- vation Service ¹	Civilian Conser- vation Corps ²	
Fence constructed..... rods.....	337,012	401,632	738,644
Stock ponds and reservoirs..... number.....	428	411	839
Do..... acre-feet.....	4,758	4,521	9,279
Springs and wells developed..... number.....	244	554	808
Water spreading..... acres.....	96,696	366,785	463,481
Diversion and percolating structures..... linear feet.....	1,081,290	7,790,432	8,871,722
Water-spreading structures..... number.....	³ 832	³ 18,061	³ 18,893
Terraces constructed..... miles.....	392	1,133	1,525
Contour furrows and ridges..... acres.....	2,208	5,060	8,268
Outlet structures..... number.....	142	11,028	11,167
Gully-bank sloping..... square yards.....	926,701	120,932	1,047,633
Permanent gully structures..... number.....	60,030	105,392	174,422
Temporary gully structures..... do.....	375,658	536,519	912,177
Gully seeding and sodding..... square yards.....	4,278,605	70,620,342	74,898,947
Range seeding and sodding..... acres.....	5,791	28,153	33,944
Trees and shrubs planted..... do.....	13,583	3,060	16,663
Trees planted..... number.....	6,592,324	1,590,986	8,173,310
Shrubs planted..... do.....	1,959,889	415,940	2,375,829
Stream channel and bank improved..... linear feet.....	1,657,652	5,908,520	7,565,972
Silt retention structures..... number.....	³ 265	³ 125	³ 390

¹ Soil Conservation Service on watershed area.² Civilian Conservation Corps on and off watershed areas.³ Fiscal-year figures only.

Soil Conservation Service.

TABLE 662.—*Status of soil conservation districts program, cumulative June 30, 1938¹*

Item	Before agree- ment	Planned	Item	Before agree- ment	Planned
Cooperative agreements..... acres.....		368,301	Pasture and range..... acres.....	136,910	157,243
Do..... number.....		694	Contour furrows and ridges..... acres.....		5,893
Cultivated land..... acres.....	309,187	190,476	Seeding..... do.....		7,155
Approved rotations..... do.....		188,170	Controlled grazing..... do.....		89,790
Contour tillage..... do.....	19,184	176,537	Permanent hay land..... do.....	1,188	3,364
Strip cropping..... do.....	2,240	29,742	Seeding..... do.....		2,072
Terracing..... do.....	1,732	69,120	Woodland..... do.....	13,585	10,363
Combination strip cropping and terracing..... acres.....		5,835	Field plantings..... do.....		165
Winter cover crops..... do.....	610	126,847	Gully plantings..... do.....		71
Total cropland winter pro- tected..... acres.....	610	128,818	Other plantings..... do.....		63
Cropland winter protected percent.....	0.3	67.6	Trees..... number.....		167,675
Taken out of cultivation..... acres.....		18,711	Shrubs..... do.....		1,116
			Protected from grazing..... acres.....	1,544	6,947
			Orchards and vineyards..... do.....	1,260	1,265
			Other land..... do.....	6,171	5,590

¹ Summarized data not available for 6 districts in North Carolina and South Carolina.

Soil Conservation Service.

TABLE 663.—Soil Conservation Service program, by States and regions, as of June 30, 1938

Region and State	Areas	Gross area	Cooperative agreements		Planned land uses						Special wildlife	Other
			Number	Acres	Cultivated	Permanent hay	Pasture or range	Woodland	Orchard and vineyard	Special wildlife		
Region I:	Number	Acres	Number	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Connecticut.....	1	60,200	11	756	343	90	141	116	4	0	62	
Delaware.....	1	28,960	66	1,124	408	170	248	210	51	8	0	
Maine.....	1	30,000	313	5,474	5,467	611	811	1,862	0	0	723	
Maryland.....	5	141,730	813	12,175	2,353	2,353	5,093	12,088	279	29	1,337	
New Jersey.....	6	141,730	313	5,474	2,353	2,353	5,093	12,088	279	29	1,337	
New York.....	9	335,220	1,207	159,302	47,834	14,242	51,454	39,496	1,113	182	5,981	
Pennsylvania.....	13	473,926	1,460	162,791	68,135	11,777	30,221	39,299	1,624	173	11,692	
Vermont.....	1	63,250	1	60	3,101	560	4,487	4,825	0	18	258	
West Virginia.....	9	355,750	1,197	180,177	24,324	11,976	101,549	26,149	56	23	16,100	
Total.....	46	1,666,226	4,849	611,937	187,099	48,035	201,831	131,243	3,578	502	38,709	
Region II:	Number	Acres	Number	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Alabama.....	14	652,879	2,460	449,068	201,109	19,701	77,479	148,032	62	102	1,903	
Florida.....	2	37,940	217	22,106	12,103	256	4,727	4,894	6	6	155	
Georgia.....	14	478,333	1,738	274,960	129,945	9,481	29,738	92,548	6	191	12,181	
Mississippi.....	17	602,396	1,676	369,068	121,945	9,447	76,525	28,011	27	378	10,613	
North Carolina.....	21	632,793	2,460	449,068	201,109	19,701	77,479	148,032	62	102	1,903	
South Carolina.....	16	632,793	3,529	498,694	226,436	19,012	43,456	197,012	301	213	68,273	
Virginia.....	13	516,800	2,017	330,905	87,523	10,521	47,053	167,816	738	296	16,668	
Total.....	100	3,813,401	17,602	2,548,187	1,057,446	62,648	342,938	963,634	1,499	2,078	117,924	
Region III:	Number	Acres	Number	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Indiana.....	11	292,799	1,142	163,801	64,586	13,048	57,641	20,628	194	120	6,784	
Kentucky.....	13	333,880	1,729	253,373	132,736	18,531	64,663	26,532	338	186	10,067	
Michigan.....	2	70,780	9,602	4,913	867	1,506	1,506	942	842	55	478	
Ohio.....	17	560,444	2,493	357,813	145,511	19,389	116,277	47,714	631	109	28,202	
Tennessee.....	9	237,890	430	77,198	41,512	6,765	16,856	9,119	91	161	2,694	
Total.....	52	1,495,793	5,943	861,787	399,288	59,480	266,942	105,135	2,096	631	48,245	
Region IV:	Number	Acres	Number	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Arkansas.....	29	4,546,741	3,576	517,941	132,949	38,914	158,538	149,538	1,265	273	17,765	
Louisiana.....	30	1,601,941	2,460	449,068	181,419	11,251	231,031	22,818	0	1,739	17,568	
Texas.....	30	1,191,825	4,262	719,870	388,159	11,251	231,031	22,818	0	1,739	17,568	
Total.....	76	6,280,507	10,007	1,638,785	692,751	54,464	529,626	318,721	1,265	2,075	40,963	
Region V:	Number	Acres	Number	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Illinois.....	24	739,081	2,735	419,327	243,406	29,729	103,511	24,257	681	352	17,391	
Iowa.....	22	620,073	2,679	411,003	246,728	27,689	113,382	8,825	16	252	22,661	
Minnesota.....	12	313,882	1,068	165,127	66,438	16,825	50,445	21,184	3	165	7,067	

Missouri.....	21	656,397	2,831	446,019	172,700	48,767	193,892	10,520	673	19,105
Wisconsin.....	20	475,289	1,631	232,765	73,274	20,562	83,496	40,734	332	5,362
Total.....	95	2,604,722	10,844	1,674,241	801,546	143,572	546,726	105,020	1,067	74,586
Region VI:										
Colorado.....	12	721,560	615	437,822	74,280	5,394	348,072	3,010	0	6,383
Kansas.....	1	52,000	69	25,188	18,201	0	6,506	0	0	6,481
New Mexico.....	2	93,520	100	44,601	20,958	26	22,324	207	15	1,071
Oklahoma.....	1	33,920	65	14,840	12,682	0	2,206	42	0	1,610
Texas.....	11	7,580,763	1,192	989,666	357,108	180	491,456	657	139	10,126
Total.....	27	8,487,763	2,041	1,482,187	562,929	5,600	870,364	3,925	0	18,551
Region VII:										
Kansas.....	10	369,157	1,023	224,407	100,074	11,095	94,017	2,882	84	16,255
Nebraska.....	16	429,434	1,467	230,003	174,961	30,574	5,869	0	29	8,922
Oklahoma.....	33	1,090,822	4,528	698,446	307,435	39,628	265,885	16,543	0	68,887
Total.....	69	1,889,413	7,018	1,202,916	682,470	81,331	419,176	25,294	0	93,764
Region VIII:										
Colorado.....	1	25,000	24	14,106	1,329	500	10,985	173	0	1,101
Utah.....	7	338,549	1,046	151,793	2,436	87	110,543	7,544	0	1,899
Gila (Arizona and New Mexico).....	11	11,627,520	346	2,978,401	2,491	0	2,971,003	30	0	367
Navajo (Arizona and New Mexico).....	1	24,514,975	33	15,227,396	45,201	115	13,401,709	289	1,154	1,790,560
Rio Grande (New Mexico).....	1	10,109,000	354	1,918,341	26,180	379	1,849,268	0	41,729	753
Total.....	11	52,610,135	953	20,290,120	77,377	1,869	18,347,867	8,040	1,193	1,783,677
Region IX:										
Montana.....	3	86,023	149	53,339	32,680	5,457	11,017	414	0	3,660
North Dakota.....	3	125,280	216	48,302	27,179	6,530	10,700	2,594	2	1,293
South Dakota.....	7	338,600	516	140,809	68,975	17,095	50,083	2,464	64	2,128
Wyoming 2, watershed.....	1	106,500	57	28,729	3,506	62	24,472	211	0	478
Shoshone (Wyoming).....	1	2,270,069	61	631,657	1,671	2,872	626,375	133	33	553
Total.....	15	2,932,472	999	902,816	134,220	32,016	722,647	5,816	0	8,017
Region X:										
California.....	15	427,870	862	65,547	26,554	404	25,676	10,473	493	6,868
Nevada.....	3	139,960	60	2,899	736	679	1,423	22	0	37
Total.....	18	567,830	922	68,446	27,290	1,083	27,101	10,495	25,139	6,845
Region XI:										
Idaho.....	5	151,000	361	116,730	31,386	13,344	65,389	3,650	11	2,939
Oregon.....	6	987,320	321	879,023	43,977	3,321	821,889	1,139	1,016	7,681
Washington.....	9	330,230	622	202,600	103,062	26,975	55,105	7,301	35	7,075
Total.....	20	1,468,550	1,229	1,198,353	178,455	46,640	942,383	12,090	1,044	17,695
Grand total.....	519	84,016,832	62,707	32,480,435	4,710,541	537,398	22,207,821	1,989,413	36,881	2,228,876

Soil Conservation Service.

* Includes demonstration projects, Civilian Conservation Corps camps, and soil conservation districts.

TABLE 664.—*Soil and water losses under cultivation and protective cover, from 13 important soils representative of the principal types of erodible farm land within an area of approximately 250,000,000 acres*

Soil type, location, and years of measurement	Annual rainfall for period	Slope	Clean-tilled		Dense cover			Time to remove 7 inches of soil		Approximate regional area ¹	
			Crop	Annual soil loss per acre	Water loss as percent of annual precipitation	Cover	Annual soil loss per acre	Water loss as percent of annual precipitation	Clean tilled		Dense cover
	Inches	Percent		Tons	Percent		Tons	Percent	Years	Million acres	
Ocell sandy clay loam, Statesville, N. C., 1932-35	48.42	10.0	Cotton	25.08	10.47	Mixed grasses	0.014	0.29	46	82,150	
Nacogdoches fine sandy loam, Tyler, Tex., 1932-36	44.90	10.0	do.	30.07	16.48	Bermuda grass	.006	.53	160	214,200	
Kirvin fine sandy loam, Tyler, Tex., 1932-36	42.35	8.75	do.	30.07	16.48	do.	.05	.41	46	27,400	
Shelby silt loam, Bethany, Mo., 1931-35	34.79	8.0	Corn	68.78	28.31	Alfalfa	.25	.79	16	4,540	
Muskingum silt loam, Zanesville, Ohio, 1934-36	36.46	12.0	do.	72.23	41.95	Bluegrass	.04	.03	16	28,900	
Clinton silt loam, La Crosse, Wis., 1933-35	34.12	16.0	do.	88.66	20.84	do.	.03	2.82	11	33,600	
Dubuque silt loam, La Crosse, Wis., 1934-35	36.53	30.0	do.	81.44	19.12	do.	.22	6.83	11	4,110	
Vernon fine sandy loam, Guthrie, Okla., 1930-35	33.12	7.7	Cotton	24.29	14.22	Bermuda grass	.032	1.23	50	36,200	
Houston Black clay, Temple, Tex., 1931-36	32.76	4.0	Corn	23.83	14.22	do.	.03	.04	34	26,700	
1933-36	34.90	2.0	do.	10.62	13.38	do.	.10	.95	75	8,010	
Marshall silt loam, Clarinda, Iowa, 1933-35	26.82	9.0	do.	18.83	9.44	Timbergrass	.06	3.77	48	15,200	
Falouse silt loam, Pullman, Wash., 1932-35	21.74	30.0	Wheat, fallow	8.52	6.46	do.	1.65	3.23	130	650	
Colby silty clay loam, Pullman, Wash., 1932-35	21.74	30.0	Bare	27.82	25.03	Spring wheat	1.65	3.23	91	36,900	
Colby silty clay loam, Hays, Kans., 1930-35	21.36	5.0	Kafir	11.74	16.20	Native grass	.029	.30	38	10	
Miles clay loam, Spur, Tex., 1928-37	20.73	2.0	Cotton	7.03	15.53	Buffalo grass	1.29	4.34	150	830	

¹ Figures represent approximate acreage of soil types in the region specified.

Soil Conservation Service.

TABLE 665.—*Camps, personnel, and enrollees supervised by the Soil Conservation Service, on specified dates, fiscal year ended June 30, 1938*

Date	Camps operated	Personnel	Enrollees ¹	Date	Camps operated	Personnel	Enrollees ¹
	Number	Number	Number		Number	Number	Number
July 1, 1937.....	419	4,267	59,366	Apr. 1, 1938.....	361	4,170	63,322
Oct. 1, 1937.....	405	4,171	54,492	June 30, 1938.....	360	4,142	59,491
Jan. 1, 1938.....	373	4,154	67,822	Average.....	384	.....	¹ 60,491

¹ For the year, the average number of enrollees per camp was 159.

Soil Conservation Service.

TABLE 666.—*Land-utilization program of the Soil Conservation Service: Cumulative summary, by fiscal years, of obligations incurred for land purchase; of acreages acquired; of acreages transferred to other agencies for administration; and the distribution by types of projects on the old program of commitments for land and acreages acquired¹*

Item	Data as of June 30—				
	1935	1936	1937	1938	
Obligations incurred ²	acres.....	3,542,683	8,959,885	9,145,908	9,237,090
	(dollars.....	14,787,198	39,019,409	40,899,558	41,369,517
Lands acquired ³	acres.....	408,964	2,489,630	5,531,928	7,945,372
	(dollars.....	2,179,789	11,825,743	24,048,443	33,961,375
Lands transferred ⁴	acres.....	49,925	505,341	969,493	2,758,519
Summary of old program by types of project:					
Agricultural:					
Lands committed.....	acres.....	1,759,695	6,669,530	6,806,485	6,773,739
Lands acquired.....	do.....	8,576	1,271,213	3,931,912	5,981,149
Indian:					
Lands committed.....	do.....	1,070,167	1,188,150	1,221,150	1,210,671
Lands acquired.....	do.....	237,841	662,266	1,007,066	1,147,891
Migratory waterfowl:					
Lands committed.....	do.....	523,865	721,481	723,305	725,210
Lands acquired.....	do.....	160,904	437,701	465,253	686,154
Recreational: ⁴					
Lands committed.....	do.....	188,956	380,724	394,968	394,968
Lands acquired.....	do.....	1,643	118,450	127,697	127,697

¹ In the land-utilization program the distinction is frequently drawn between projects of the old and new programs. The old program relates to activities of projects initiated under the Federal Emergency Relief Administration and subsequently continued by the Resettlement Administration and Farm Security Administration. Activities initiated under the authorization of title III of the Bankhead-Jones Farm Tenant Act are generally referred to as the new program. Funds for encumbrance were available for the fiscal years 1934-37 on the old program; for the fiscal year 1938 to the present on the new program.

² Includes the acreage and cost of land for which commitments have been made for the acquisition of land by purchase, condemnation, and/or gift. During 1938, the first fiscal year for which funds were available on the new program, commitments were entered into for the purchase of 132,502 acres, involving a land cost of \$677,367.

³ Represents those lands for which checks in payment have been delivered to vendors and/or deposited with clerks of courts. The 1938 data include payment of \$48,380 for 2,481 acres acquired in connection with the new program.

⁴ Whereas transfers customarily involve a change in administrative jurisdiction of lands to which title has been obtained, there are several instances of a transfer of responsibility for title clearance subsequent to the acceptance of options and the commitment of funds, e. g., the recreational land use projects which were consigned to the National Park Service on Nov. 14, 1936.

Soil Conservation Service.

TABLE 667.—Land-utilization program of the Soil Conservation Service: Distribution, by States, of commitments for land, acreages acquired, and lands transferred to other agencies for administration, Dec. 31, 1938¹

State	Commitments for land purchase ²	Area acquired ³	Area transferred ⁴	State	Commitments for land purchase ²	Area acquired ³	Area transferred ⁴
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Alabama.....	138,630	118,471	94,672	New Hampshire....	6,100	45	6,100
Arkansas.....	270,072	234,852	165,781	New Mexico.....	1,174,451	1,034,897	686,963
California.....	5,435	3,982	5,435	New York.....	80,969	67,900	61,563
Colorado.....	454,914	239,650	11,613	North Carolina....	158,612	128,039	188,941
Connecticut.....	11,740	10,333	10,333	North Dakota.....	1,070,617	835,054	188,941
Delaware.....	4,851	4,414	-----	Ohio.....	37,895	31,945	-----
Florida.....	622,095	522,655	498,280	Oklahoma.....	80,704	50,436	21,748
Georgia.....	211,408	172,781	88,237	Oregon.....	245,444	217,978	142,712
Idaho.....	143,410	131,501	11,466	Pennsylvania.....	73,242	36,542	36,002
Illinois.....	32,113	21,363	2,573	Rhode Island.....	14,529	11,001	3,451
Indiana.....	63,732	80,938	11,619	South Carolina....	172,627	132,397	25,172
Iowa.....	1,901	1,901	-----	South Dakota.....	892,649	753,733	204,337
Kansas.....	87,115	52,684	-----	Tennessee.....	106,201	72,983	31,724
Kentucky.....	74,723	67,013	51,181	Texas.....	70,060	17,714	3,654
Louisiana.....	202,185	189,396	170,241	Utah.....	67,181	47,814	-----
Maine.....	28,805	15,861	16,575	Virginia.....	50,544	54,635	37,464
Maryland.....	55,236	40,484	10,958	Washington.....	242,844	240,604	241,122
Michigan.....	111,015	86,170	29,164	West Virginia....	7,420	5,973	-----
Minnesota.....	216,268	186,081	115,416	Wisconsin.....	229,793	189,957	53,890
Mississippi.....	116,667	102,925	-----	Wyoming.....	842,513	273,208	1,920
Missouri.....	38,825	26,515	36,583				
Montana.....	1,924,696	1,665,594	163,934	Total.....	10,157,151	8,312,342	3,310,723
Nebraska.....	186,981	163,923	69,899				

¹ Includes data for the old program initiated under the Federal Emergency Relief Administration and subsequently continued by the Resettlement Administration and Farm Security Administration, and for purchases of the new program initiated under the authorization of title III of the Bankhead-Jones Farm Tenant Act.

² Represents the acreages for which commitments have been made for the acquisition of land by purchase, condemnation, and/or gift.

³ Represents the acreage for which checks have been delivered to vendors and/or deposited with clerks of courts.

⁴ Whereas transfers customarily involve a change in the administrative jurisdiction of land to which title has been obtained, there are several instances of transfers of responsibility for title clearance subsequent to the acceptance of options and the commitment of funds, e. g., the recreational land use projects which were assigned to the National Park Service on Nov. 14, 1936. Soil Conservation Service.

TABLE 668.—Land-utilization program of the Soil Conservation Service: The number of units completed and in progress for selected jobs of land improvement, June 30, 1938¹

Item	Jobs			Item	Jobs		
	Completed	In progress	Total		Completed	In progress	Total
General land treatment:				Transportation improvements—Continued.			
Clearing land.....acres	76,661	25,027	101,688	Road reconstruction			
Obliterating farmsteads	933	2,720	3,653	.....miles..	1,657	1,608	3,265
Seeding.....acres	53,269	51,136	104,405	Telephone lines.....do...	1,193	1,777	2,970
Structural improvements:				Trails.....do.....	577	219	796
Administration buildings.....number..	80	25	105	Truck trails.....do.....	1,371	2,551	3,922
Barns.....do.....	46	15	61	Erosion control:			
Bathhouses.....do.....	25	9	34	Dikes and levees			
Bridges.....do.....	902	728	1,630	.....cubic yards..	117,451	94,918	212,369
Cabins.....do.....	170	88	258	Major check dams			
Corrals.....do.....	212	41	253	.....number.....	234,219	16,113	250,332
Dipping vats.....do.....	17	14	31	Terracing.....miles..	1,650	1,665	2,715
Dwellings.....do.....	78	24	102	Forest development:			
Fences.....miles..	9,343	1,115	10,458	Firebreaks.....miles..	3,498	3,285	6,783
Garages.....number..	68	27	95	Fire hazard reduction			
Impounding dams				.....acres.....	176,194	93,000	269,194
.....number.....	1,575	331	1,906	Forest stand improvement.....acres..	229,414	134,185	363,599
Latrines.....do.....	254	220	474	Lookout towers			
Lodges.....do.....	6	7	13	.....number.....	168	19	127
Miscellaneous buildings.....number..	358	209	567	Nurseries.....do.....	33	22	55
Power lines.....miles..	515	49	564	Tree planting.....acres..	33,872	84,772	118,644
Sewerage systems				Wildlife:			
.....number.....	117	74	191	Biological conditioning.....acres..	213,609	9,583	223,192
Shelters.....do.....	285	91	376	Fish rearing ponds			
Water systems.....do.....	431	504	935	.....number.....	113	83	196
Transportation improvements:				Food and cover planting.....acres..	18,433	22,428	40,861
Park roads.....miles..	3,063	2,765	5,828	Game farms.....number..	40	17	57

¹ The improvements superimposed upon the lands acquired in connection with the land-utilization program have been financed predominantly from emergency relief funds. Soil Conservation Service.

TABLE 669.—*Tenant purchase loans, under Farm Security Administration, fiscal year ended June 30, 1938*

State or Territory	Loans approved	Average size of farm	Average cost of farm	Average cost of improvements	Average total cost of farm ¹
	Number	Acres	Dollars	Dollars	Dollars
Alabama.....	177	117	2,567	868	3,485
Arizona.....	2	40	6,100	0	6,133
Arkansas.....	122	108	2,702	1,209	3,961
California.....	11	38	7,626	611	8,264
Colorado.....	13	174	6,906	1,022	7,978
Connecticut.....	1	120	8,000	0	8,000
Delaware.....	3	167	3,833	0	3,867
Florida.....	16	103	2,234	1,519	3,803
Georgia.....	181	135	2,575	816	3,441
Idaho.....	5	80	7,550	209	7,809
Illinois.....	34	140	8,744	437	9,231
Indiana.....	23	112	7,450	552	8,062
Iowa.....	36	138	8,658	622	9,330
Kansas.....	24	230	8,025	269	8,344
Kentucky.....	51	108	5,792	666	6,508
Louisiana.....	71	100	3,242	1,976	5,268
Maine.....	4	110	2,163	0	2,188
Maryland.....	6	189	6,808	0	6,854
Massachusetts.....	1	80	3,500	690	4,240
Michigan.....	17	115	5,986	805	6,541
Minnesota.....	29	168	7,040	427	7,517
Mississippi.....	189	98	2,387	913	3,347
Missouri.....	69	129	4,975	631	5,656
Montana.....	4	239	7,013	1,381	8,444
Nebraska.....	24	139	7,668	618	8,236
Nevada.....	1	320	7,000	0	7,050
New Hampshire.....	1	150	2,000	1,600	3,650
New Jersey.....	2	81	6,500	250	6,800
New Mexico.....	5	320	4,032	794	4,876
New York.....	13	155	4,841	692	5,583
North Carolina.....	100	102	3,506	617	4,173
North Dakota.....	15	516	5,593	387	6,030
Ohio.....	30	100	7,040	558	7,648
Oklahoma.....	81	160	4,837	463	5,350
Oregon.....	6	108	5,667	472	6,189
Pennsylvania.....	22	156	4,044	596	5,289
Rhode Island.....	0				
South Carolina.....	123	112	2,664	619	3,333
South Dakota.....	19	378	5,779	476	6,305
Tennessee.....	84	132	3,990	787	4,827
Texas.....	139	135	4,670	987	5,708
Utah.....	2	64	5,550	700	6,300
Vermont.....	1	112	8,200	550	8,900
Virginia.....	45	158	3,999	490	4,539
Washington.....	7	52	6,500	135	6,685
West Virginia.....	19	120	3,894	863	4,807
Wisconsin.....	18	116	6,774	586	7,393
Wyoming.....	5	121	6,330	1,420	7,800
Hawaii.....	8	16	2,302	1,148	3,494
Total.....	1,869	130	4,080	804	4,933

¹ Including fees.

Farm Security Administration

TABLE 670.—Rural rehabilitation loans and grants to individuals by the Farm Security Administration, as of June 30, 1938

State or Territory	Borrowers		Amount loaned:	Repayments:	Grant-only cases	Loan cases which have received grants	Total cases which have received grants	Amount of grants
	Active	Paid-up and discontinued	Total					
	Number	Number	Number	Dollars	Number	Number	Number	Dollars
Alabama.....	24,463	1,520	25,983	8,304,377.16	2,296	7,949	7,949	248,778
Arizona.....	1,369	188	1,557	994,377.74	2,396	934	934	207,220
Arkansas.....	13,328	17,487	30,815	7,819,249.66	2,831	61,813	61,813	848,361.10
California.....	3,599	6,589	10,188	5,187,064.69	1,104	20,744	20,744	1,471,419.64
Colorado.....	11,523	12,624	24,147	7,583,912.63	1,806	11,125	11,125	1,471,770.69
Connecticut.....	243	39	282	305,671.70	111	54	54	4,851.50
Delaware.....	70	11	81	48,806.79	12	61	61	4,773.00
Florida.....	11,745	496	12,241	3,757,297.97	966	5,306	5,306	290,246.46
Georgia.....	11,714	268	11,982	2,754,481.87	6,784	16,779	16,779	941,537.28
Iowa.....	3,521	439	3,960	2,267,327.58	2,228	10,253	10,253	241,537.25
Illinois.....	16,063	27,974	44,037	4,699,483.50	3,228	14,458	14,458	1,108,554.73
Indiana.....	7,737	9,049	16,786	3,726,806.73	1,161	2,264	2,264	172,349.10
Iowa.....	11,520	1,450	12,970	4,663,430.53	5,551	9,209	9,209	698,838.16
Kansas.....	13,029	1,636	14,665	8,411,161.54	1,120	25,321	25,321	5,264,827.46
Kentucky.....	7,976	1,146	9,122	2,656,038.56	20,200	4,567	4,567	1,496,016.65
Louisiana.....	9,081	34	9,115	5,834,865.30	2,176	4,483	4,483	155,174.79
Maine.....	3,925	44	3,969	3,028,634.22	1,118	2,563	2,563	371,321.47
Maryland.....	3,367	17	3,384	1,646,696.59	137	381	381	371,321.47
Massachusetts.....	407	47	454	440,204.79	137	238	238	13,645.57
Michigan.....	8,091	2,205	10,296	3,572,027.61	2,406	2,166	2,166	449,716.30
Minnesota.....	34,651	1,569	36,220	6,046,453.39	8,539	17,536	17,536	1,895,931.44
Mississippi.....	13,660	11,158	24,818	8,114,915.57	3,474	8,997	8,997	365,619.48
Missouri.....	48,488	6,949	55,437	8,570,276.18	1,525	58,785	58,785	3,955,197.68
Montana.....	4,908	5,631	10,539	4,547,030.85	14,252	3,429	3,429	2,895,319.47
Nebraska.....	1,473	11,628	13,101	8,421,881.43	1,281	21,731	21,731	5,490,035.78
Nevada.....	10,393	1,723	12,116	4,821,881.43	18,359	3,300	3,300	5,490,035.78
New Hampshire.....	983	119	1,102	679,838.66	169	177	177	20,355.81
New Jersey.....	813	112	925	732,366.72	26	153	153	34,751.95
New Mexico.....	14,412	369	14,781	2,850,524.73	74	270	270	54,751.95
New York.....	2,989	357	3,346	2,371,544.76	1,323	3,129	3,129	299,398.13
North Carolina.....	9,949	785	10,734	5,175,181.13	234	4,452	4,452	140,801.87
North Dakota.....	20,453	1,882	22,335	5,681,441.62	4,705	9,979	9,979	365,438.48
Oklahoma.....	19,408	1,252	20,660	4,246,967.34	34,506	10,646	10,646	13,934,574.44
Oregon.....	2,718	3,316	6,034	3,597,798.59	4,644	8,281	8,281	614,890.10
Oregon.....	2,645	261	2,906	1,259,699.34	36,221	44,137	44,137	250,013.00
Pennsylvania.....	2,178	9	2,187	1,583,340.82	3,161	729	729	84,904.45
Rhode Island.....	178	9	187	158,340.82	87	42	42	18,393.78
South Carolina.....	10,848	249	11,097	5,383,024.37	6,322	13,079	13,079	487,690.36
South Dakota.....	28,243	696	28,939	8,270,113.91	30,203	8,700	8,700	146,185.93
Tennessee.....	8,002	1,871	9,873	2,239,425.65	1,166	5,239	5,239	201,204.78

Texas.....	43,454	11,149	54,603	18,706,579.63	5,697,116.82	13,507	15,378	28,885	2,137,155.95
Utah.....	4,150	366	4,516	3,681,595.26	576,302.57	2,077	1,879	3,946	368,284.93
Vermont.....	8,855	77	912	698,830.11	241,459.16	158	172	330	24,575.50
Virginia.....	8,046	249	8,295	2,733,393.76	891,670.51	63	489	552	32,137.05
Washington.....	3,254	406	3,660	3,882,507.02	956,441.65	5,078	1,698	7,286	733,806.03
West Virginia.....	5,949	1,833	7,802	1,981,034.66	445,950.74	1,657	2,807	4,464	301,086.02
Wisconsin.....	27,357	2,622	29,979	5,353,729.34	1,412,394.77	33,787	12,863	46,770	3,113,587.1
Wyoming.....	3,696	341	4,257	3,695,124.61	389,444.23	2,250	2,463	4,693	651,152.26
Hawaii.....	1	0	1	1,108.00	0.00	0	0	0	0.00
Total.....	516,607	130,886	647,193	293,341,465.48	52,014,921.03	408,314	203,281	611,595	72,382,574.84

¹ Principal charged to borrowers' accounts, cash, and chattels.

² Estimated.

³ Principal and interest credited to borrowers' accounts, cash, and chattels.

Note: This table does not include loans to cooperatives and loans to individuals for development.

Farm Security Administration.

Wilmington, N. C.	46.5	46.9	47.9	49.2	51.3	53.4	55.3	57.3	59.3	62.0	64.0	65.9	72.1	73.8	75.6	79.1	78.2	77.6	80.7	73.1	74.9	65.3	63.4	56.0	38.4	44.1	49.4	63.1	64.1
Charleston, S. C.	46.5	50.3	52.4	55.3	57.4	59.4	61.4	63.4	65.4	68.0	70.0	71.9	78.1	79.8	81.6	85.1	84.2	83.6	86.7	79.1	80.9	71.3	69.4	61.9	44.3	49.4	63.1	64.1	
Greenville, S. C.	40.3	42.3	44.3	46.3	48.3	50.4	52.4	54.4	56.4	59.0	61.0	62.9	69.1	70.8	72.6	76.1	75.2	74.6	77.7	70.1	71.9	62.3	60.4	52.9	35.8	40.9	54.6	55.6	
Atlanta, Ga.	42.6	44.5	46.5	48.5	50.5	52.5	54.5	56.5	58.5	61.0	63.0	64.9	71.1	72.8	74.6	78.1	77.2	76.6	79.7	72.1	73.9	64.3	62.4	54.9	37.8	42.9	56.6	57.6	
Thomasville, Ga.	51.0	53.0	55.0	56.9	58.9	60.9	62.9	64.9	66.9	69.4	71.4	73.3	79.5	81.2	83.1	86.5	85.6	85.0	88.1	80.5	82.3	72.7	70.8	63.3	46.2	51.3	65.0	66.0	
Thomasville, Ga.	66.5	67.3	67.1	70.2	70.3	72.3	72.4	74.3	74.4	76.2	76.3	78.1	84.3	84.4	86.3	88.1	88.2	88.1	91.2	83.6	85.4	75.8	73.9	66.4	49.3	54.4	68.1	69.1	
Miami, Fla.	78.8	78.9	79.0	82.0	82.1	84.0	84.1	85.9	86.0	87.7	87.8	89.6	95.8	95.9	97.7	99.5	99.6	99.5	102.6	95.0	96.8	87.2	85.3	77.8	60.7	65.8	79.5	80.5	
Memphis, Tenn.	88.8	88.9	89.0	92.0	92.1	94.0	94.1	95.9	96.0	97.7	97.8	99.6	105.8	105.9	107.7	109.5	109.6	109.5	112.6	105.0	106.8	97.2	95.3	87.8	70.7	75.8	89.5	90.5	
Nashville, Tenn.	31.5	41.5	46.5	48.5	54.5	56.5	59.7	62.7	66.3	70.4	74.4	78.4	80.3	82.2	84.1	88.0	87.1	86.5	89.6	82.0	83.8	74.2	72.3	64.7	47.6	52.7	66.4	67.4	
Birmingham, Ala.	51.5	51.8	54.7	58.8	59.7	61.7	65.1	65.1	64.0	64.2	65.6	64.0	72.9	73.8	74.9	78.0	78.1	78.0	81.1	73.5	75.3	65.7	63.8	56.2	39.1	44.2	57.9	58.9	
Mobile, Ala.	47.8	49.2	49.4	51.8	57.3	58.4	60.4	62.8	65.4	68.4	70.4	72.8	81.7	82.6	83.6	86.6	86.7	86.6	89.7	82.1	83.9	74.3	72.4	64.8	47.7	52.8	66.5	67.5	
Meridian, Miss.	54.2	55.5	57.3	60.9	62.8	65.0	67.8	70.4	73.8	76.8	79.4	82.4	91.3	92.2	93.2	96.2	96.3	96.2	99.3	91.7	93.5	83.9	82.0	74.4	57.3	62.4	76.1	77.1	
Vicksburg, Miss.	64.0	65.0	67.0	69.0	71.0	73.0	75.0	77.0	79.0	81.0	83.0	85.0	93.9	94.8	95.8	98.8	98.9	98.8	101.9	94.3	96.1	86.5	84.6	77.0	60.0	65.1	78.8	79.8	
New Orleans, La.	73.8	74.8	76.8	78.8	80.8	82.8	84.8	86.8	88.8	90.8	92.8	94.8	103.7	104.6	105.6	108.6	108.7	108.6	111.7	104.1	105.9	96.3	94.4	86.8	69.7	74.8	88.5	89.5	
Shreveport, La.	83.6	84.6	86.6	88.6	90.6	92.6	94.6	96.6	98.6	100.6	102.6	104.6	113.5	114.4	115.4	118.4	118.5	118.4	121.5	113.9	115.7	106.1	104.2	96.6	79.5	84.6	98.3	99.3	
St. Louis, Mo.	49.5	47.2	49.2	53.8	55.8	57.8	61.7	63.7	65.7	68.7	70.7	72.7	81.6	82.5	83.5	86.5	86.6	86.5	89.6	82.0	83.8	74.2	72.3						
El Paso, Tex.	53.8	55.4	56.5	59.4	62.4	67.8	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
Fort Worth, Tex.	33.8	35.4	35.4	38.4	41.4	43.8	46.3	48.8	51.3	53.8	56.3	58.8	66.3	68.8	71.3	73.8	76.3	78.8	81.3	83.8	86.3	88.8	91.3	98.8	101.3	103.8	106.3	108.8	
Garland, Tex.	36.4	41.0	39.6	45.6	48.0	50.4	52.8	55.2	57.6	59.9	62.3	64.7	72.7	75.1	77.5	79.9	82.3	84.7	87.1	89.5	91.9	94.3	96.7	104.7	107.1	109.5	111.9	114.3	
San Antonio, Tex.	38.4	41.0	39.6	45.6	48.0	50.4	52.8	55.2	57.6	59.9	62.3	64.7	72.7	75.1	77.5	79.9	82.3	84.7	87.1	89.5	91.9	94.3	96.7	104.7	107.1	109.5	111.9	114.3	
Oklahoma City, Okla.	36.4	41.0	39.6	45.6	48.0	50.4	52.8	55.2	57.6	59.9	62.3	64.7	72.7	75.1	77.5	79.9	82.3	84.7	87.1	89.5	91.9	94.3	96.7	104.7	107.1	109.5	111.9	114.3	
Little Rock, Ark.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
Memphis, Tenn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
Indianapolis, Ind.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
Chicago, Ill.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Louis, Mo.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4	58.4	60.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	96.4	98.4	100.4	102.4	104.4	
St. Paul, Minn.	34.4	38.4	40																										

^a Normals are based on records of 30 or more years of observation. 1938 means based on mean of the daily temperature extremes.
^b Normals for city office, observations taken at airport.

Normals for city office, observations taken at airport.

^a Observations taken at almost.

Weather Bureau.

TABLE 672.—*Precipitation: Normal and 1938, at selected points in the United States* 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	Normal	1938	
Greenville, Maine.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
Burlington, Vt.	2.88	4.24	2.74	2.65	3.00	2.48	3.08	2.95	3.34	4.53	3.83	5.06	4.41	8.21	3.47	3.69	3.86	5.32	3.64	2.73	3.27	2.23	3.15	1.77	4.00	48.80	
Burlington, Vt.	1.76	1.99	1.57	1.68	2.04	2.09	2.15	2.31	2.85	4.43	3.38	6.04	3.39	4.66	3.37	3.66	3.48	6.07	2.97	1.37	2.60	1.71	1.88	3.60	34.14	54.54	
Burlington, Vt.	3.61	4.91	3.37	3.28	3.22	3.24	3.22	3.18	2.42	2.89	6.30	3.49	4.49	3.62	3.14	3.14	6.00	3.85	3.14	2.95	1.47	1.88	2.60	4.04	59.14	54.14	
Burlington, Vt.	3.80	1.99	2.95	3.43	2.56	3.02	3.10	2.62	3.02	2.82	2.28	3.03	2.06	3.08	3.24	2.92	3.57	3.80	3.77	3.02	3.79	3.86	2.27	36.00	29.72	34.14	
Canlon, N. Y.	3.30	1.99	2.27	3.25	2.60	2.71	2.18	3.02	3.00	1.96	3.29	4.21	3.50	4.43	3.56	3.35	3.50	3.83	3.12	3.10	3.35	2.10	3.35	2.10	34.14	34.14	
Canlon, N. Y.	3.30	1.99	2.27	3.25	2.60	2.71	2.18	3.02	3.00	1.96	3.29	4.21	3.50	4.43	3.56	3.35	3.50	3.83	3.12	3.10	3.35	2.10	3.35	2.10	34.14	34.14	
Pittsburgh, Pa.	3.03	1.98	2.69	2.72	3.00	2.50	2.64	3.21	3.08	2.15	3.81	3.89	4.04	4.35	3.75	3.66	3.04	3.04	2.72	2.27	2.73	1.10	3.35	2.10	40.04	49.46	
Saratoga, Pa.	3.03	1.98	2.69	2.72	3.00	2.50	2.64	3.21	3.08	2.15	3.81	3.89	4.04	4.35	3.75	3.66	3.04	3.04	2.72	2.27	2.73	1.10	3.35	2.10	40.04	49.46	
Saratoga, Pa.	3.03	1.98	2.69	2.72	3.00	2.50	2.64	3.21	3.08	2.15	3.81	3.89	4.04	4.35	3.75	3.66	3.04	3.04	2.72	2.27	2.73	1.10	3.35	2.10	40.04	49.46	
Cincinnati, Ohio.	2.51	1.67	3.04	2.82	3.89	3.64	2.44	2.27	3.70	6.57	6.07	4.45	4.03	3.98	3.99	1.62	3.17	5.42	3.03	1.61	2.77	3.34	2.02	3.51	38.89	37.91	
Cincinnati, Ohio.	2.51	1.67	3.04	2.82	3.89	3.64	2.44	2.27	3.70	6.57	6.07	4.45	4.03	3.98	3.99	1.62	3.17	5.42	3.03	1.61	2.77	3.34	2.02	3.51	38.89	37.91	
Cleveland, Ohio.	2.51	1.67	3.04	2.82	3.89	3.64	2.44	2.27	3.70	6.57	6.07	4.45	4.03	3.98	3.99	1.62	3.17	5.42	3.03	1.61	2.77	3.34	2.02	3.51	38.89	37.91	
Cleveland, Ohio.	2.51	1.67	3.04	2.82	3.89	3.64	2.44	2.27	3.70	6.57	6.07	4.45	4.03	3.98	3.99	1.62	3.17	5.42	3.03	1.61	2.77	3.34	2.02	3.51	38.89	37.91	
Evansville, Ind.	3.74	3.54	3.24	2.71	4.19	4.09	3.90	8.1	3.86	3.95	4.04	5.14	3.34	7.25	3.31	2.53	3.30	1.74	2.78	1.00	2.60	2.88	1.37	2.58	1.98	32.56	34.81
Indianapolis, Ind.	2.95	1.00	2.73	2.52	3.73	3.07	3.60	3.86	3.85	5.03	3.30	5.45	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81	
Indianapolis, Ind.	2.95	1.00	2.73	2.52	3.73	3.07	3.60	3.86	3.85	5.03	3.30	5.45	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81	
Fort Wayne, Ind.	3.23	3.88	2.35	2.77	3.22	3.78	3.07	3.60	3.86	3.85	5.03	3.30	5.45	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81
Chicago, Ill.	1.90	2.02	2.14	2.11	2.05	3.31	2.78	2.80	3.54	3.18	3.30	3.73	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81	
Chicago, Ill.	1.90	2.02	2.14	2.11	2.05	3.31	2.78	2.80	3.54	3.18	3.30	3.73	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81	
Chicago, Ill.	1.90	2.02	2.14	2.11	2.05	3.31	2.78	2.80	3.54	3.18	3.30	3.73	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81	
Chicago, Ill.	1.90	2.02	2.14	2.11	2.05	3.31	2.78	2.80	3.54	3.18	3.30	3.73	3.30	3.30	3.20	3.11	2.14	3.06	2.15	2.53	7.77	2.87	1.58	1.98	32.56	34.81	
Grand Rapids, Mich.	1.78	4.32	2.21	2.23	2.38	3.42	3.25	3.80	4.06	5.72	3.71	3.73	3.32	3.73	2.60	3.61	3.87	3.53	2.21	2.81	1.46	2.07	1.58	1.98	32.56	34.81	
Grand Rapids, Mich.	1.78	4.32	2.21	2.23	2.38	3.42	3.25	3.80	4.06	5.72	3.71	3.73	3.32	3.73	2.60	3.61	3.87	3.53	2.21	2.81	1.46	2.07	1.58	1.98	32.56	34.81	
Alpena, Mich.	1.80	4.29	2.21	2.23	2.38	3.42	3.25	3.80	4.06	5.72	3.71	3.73	3.32	3.73	2.60	3.61	3.87	3.53	2.21	2.81	1.46	2.07	1.58	1.98	32.56	34.81	
Alpena, Mich.	1.80	4.29	2.21	2.23	2.38	3.42	3.25	3.80	4.06	5.72	3.71	3.73	3.32	3.73	2.60	3.61	3.87	3.53	2.21	2.81	1.46	2.07	1.58	1.98	32.56	34.81	
Marquette, Mich.	1.80	4.29	2.21	2.23	2.38	3.42	3.25	3.80	4.06	5.72	3.71	3.73	3.32	3.73	2.60	3.61	3.87	3.53	2.21	2.81	1.46	2.07	1.58	1.98	32.56	34.81	
Marquette, Mich.	1.80	4.29	2.21	2.23	2.38	3.42	3.25	3.80	4.06	5.72	3.71	3.73	3.32	3.73	2.60	3.61	3.87	3.53	2.21	2.81	1.46	2.07	1.58	1.98	32.56	34.81	
Madison, Wis.	1.34	2.01	1.50	1.53	1.96	1.91	2.27	1.63	1.82	2.32	2.30	2.73	2.30	2.30	2.20	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	
Madison, Wis.	1.34	2.01	1.50	1.53	1.96	1.91	2.27	1.63	1.82	2.32	2.30	2.73	2.30	2.30	2.20	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	
Green Bay, Wis.	1.34	2.01	1.50	1.53	1.96	1.91	2.27	1.63	1.82	2.32	2.30	2.73	2.30	2.30	2.20	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	
Green Bay, Wis.	1.34	2.01	1.50	1.53	1.96	1.91	2.27	1.63	1.82	2.32	2.30	2.73	2.30	2.30	2.20	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	
Duluth, Minn.	1.97	1.55	1.05	1.05	1.63	1.54	2.01	2.06	4.48	3.25	5.60	3.91	3.21	3.70	3.36	3.18	3.53	3.23	3.33	1.43	1.28	1.74	2.50	1.43	1.28	1.74	
Duluth, Minn.	1.97	1.55	1.05	1.05	1.63	1.54	2.01	2.06	4.48	3.25	5.60	3.91	3.21	3.70	3.36	3.18	3.53	3.23	3.33	1.43	1.28	1.74	2.50	1.43	1.28	1.74	
Minneapolis, Minn.	1.86	1.87	0.95	0.92	1.42	1.21	2.23	2.37	6.67	6.97	4.21	4.76	2.33	3.50	2.99	3.52	3.08	3.67	2.50	1.43	1.28	1.74	2.50	1.43	1.28	1.74	
Minneapolis, Minn.	1.86	1.87	0.95	0.92	1.42	1.21	2.23	2.37	6.67	6.97	4.21	4.76	2.33	3.50	2.99	3.52	3.08	3.67	2.50	1.43	1.28	1.74	2.50	1.43	1.28	1.74	
Des Moines, Iowa.	1.97	0.83	1.12	1.46	1.78	2.24	2.91	4.21	4.22	6.90	4.31	7.65	3.94	2.96	3.24	2.96	3.14	3.96	1.51	0.41	0.99	2.62	1.51	0.41	0.99	2.62	
Des Moines, Iowa.	1.97	0.83	1.12	1.46	1.78	2.24	2.91	4.21	4.22	6.90	4.31	7.65	3.94	2.96	3.24	2.96	3.14	3.96	1.51	0.41	0.99	2.62	1.51	0.41	0.99	2.62	
Des Moines, Iowa.	1.97	0.83	1.12	1.46	1.78	2.24	2.91	4.21	4.22	6.90	4.31	7.65	3.94	2.96	3.24	2.96	3.14	3.96	1.51	0.41	0.99	2.62	1.51	0.41	0.99	2.62	
St. Joseph, Mo.	2.34	3.31	2.59	3.51	3.38	3.92	3.81	3.34	3.34	5.97	3.82	4.50	2.98	3.85	3.85	3.92	4.11	3.96	1.24	1.24	1.88	1.00	1.24	1.88	1.00	1.24	
St. Joseph, Mo.	2.34	3.31	2.59	3.51	3.38	3.92	3.81	3.34	3.34	5.97	3.82	4.50	2.98	3.85	3.85	3.92	4.11	3.96	1.24	1.24	1.88	1.00	1.24	1.88	1.00	1.24	
Springfield, Mo.	2.34	3.31	2.59	3.51	3.38	3.92	3.81	3.34	3.34	5.97	3.82	4.50	2.98	3.85	3.85	3.92	4.11	3.96	1.24	1.24	1.88	1.00	1.24	1.88	1.00	1.24	
Springfield, Mo.	2.34	3.31	2.59	3.51	3.38	3.92	3.81	3.34	3.34	5.97	3.82	4.50	2.98	3.85	3.85	3.92	4.11	3.96	1.24	1.24	1.88	1.00	1.24	1.88	1.00	1.24	
Bismarck, N. Dak.	2.45	3.14	2.35	4.53	3.33	3.76	3.80	3.90	3.90	4.46	4.68	6.61	4.21	2.34	4.09	4.55	3.52	1.81	3.04	2.86	2.79	5.30	3.21	1.88	4.14	13.42	
Bismarck, N. Dak.	2.45	3.14	2.35	4.53	3.33	3.76	3.80	3.90	3.90	4.46	4.68	6.61	4.21	2.34	4.09	4.55	3.52	1.81	3.04	2.86	2.79	5.30	3.21	1.88	4.14	13.42	
Devils Lake, N. Dak.	2.45	3.14	2.35	4.53	3.33	3.76	3.80	3.90	3.90	4.46	4.68	6.61	4.21	2.34	4.09	4.55	3.52	1.81	3.04	2.86	2.79	5.30	3.21	1.88	4.14	13.42	
Huron, S. Dak.	2.45	3.14	2.35	4.53	3.33	3.76	3.80	3.90	3.90	4.46	4.68	6.61	4.21	2.34	4.09	4.55	3.52	1.81	3.04	2.86	2.79	5.30	3.21	1.88	4.14	13.42	
Huron, S. Dak.	2.45	3.14	2.35	4.53	3.33	3.76	3.80	3.90	3.90	4.46	4.68	6.61	4.21	2.34	4.09	4.55	3.52	1.81	3.04	2.86	2.79	5.30	3.21	1.88	4.14	13.42	
North Platte, Nebr.	2.45	3.14	2.35	4.53	3.33	3.76	3.80	3.90	3.90	4.46	4.68	6.61	4.21	2.34	4.09	4.55	3.52	1.81	3.04	2.86	2.79	5					

Charleston, S. C.	3.02	1.12	2.93	7.0	3.02	.33	2.53	2.65	3.00	3.94	4.59	3.10	6.89	5.99	6.53	3.90	4.53	5.24	3.27	2.63	2.14	6.0	2.72	1.14	45.22	31.10
Greenville, S. C.	4.87	2.49	5.18	1.15	5.30	4.94	3.72	2.14	4.03	3.83	4.55	1.75	3.36	4.26	5.50	1.83	3.68	2.77	3.12	4.1	3.18	3.11	4.64	2.58	54.1	31.64
Atlanta, Ga.	4.95	1.86	4.79	1.18	5.30	4.94	3.72	2.14	4.03	3.83	4.55	1.75	3.36	4.26	5.50	1.83	3.68	2.77	3.12	4.1	3.18	3.11	4.64	2.58	54.1	31.64
Thomson, Ga.	4.10	2.46	4.46	1.23	4.40	2.99	2.22	3.43	3.03	7.04	5.43	4.63	6.70	9.99	5.61	9.15	7.85	5.01	4.46	1.11	2.98	1.40	4.31	2.75	52.35	36.00
Jacksonville, Fla.	2.80	5.21	2.97	1.41	2.91	1.55	2.38	1.81	4.02	3.02	5.68	5.65	4.42	6.15	6.11	3.0	4.88	5.30	2.90	1.61	2.98	1.40	4.31	2.75	52.35	36.00
Tallahassee, Fla.	2.52	2.42	1.83	1.15	2.17	3.34	3.09	2.22	3.37	2.95	5.68	5.65	4.42	6.15	6.11	3.0	4.88	5.30	2.90	1.61	2.98	1.40	4.31	2.75	52.35	36.00
Mobile, Ala.	4.81	5.61	4.36	5.88	5.25	6.90	4.49	2.43	3.87	2.85	3.55	4.00	3.98	3.88	5.93	3.71	2.85	3.40	2.48	4.7	3.50	2.00	1.76	2.36	47.72	39.77
Birmingham, Tenn.	4.13	1.82	5.51	1.18	4.78	4.03	4.13	2.37	3.87	3.85	4.46	3.35	5.17	8.39	4.26	2.04	3.38	1.59	2.42	4.05	3.31	4.07	5.14	3.20	61.20	41.21
Meridian, Miss.	4.85	2.99	5.06	1.65	5.05	4.03	4.13	2.37	3.87	3.85	4.46	3.35	5.17	8.39	4.26	2.04	3.38	1.59	2.42	4.05	3.31	4.07	5.14	3.20	61.20	41.21
Meridian, Miss.	4.85	2.99	5.06	1.65	5.05	4.03	4.13	2.37	3.87	3.85	4.46	3.35	5.17	8.39	4.26	2.04	3.38	1.59	2.42	4.05	3.31	4.07	5.14	3.20	61.20	41.21
Vicksburg, Miss.	5.32	4.42	4.55	2.27	5.23	6.97	5.23	6.97	4.42	3.30	5.58	4.62	6.37	7.85	5.0	2.70	2.05	3.89	2.39	1.42	3.32	3.63	5.28	4.06	59.1	61.65
New Orleans, La.	4.34	5.27	4.47	4.23	6.68	5.57	6.15	5.24	2.93	6.61	5.24	2.93	6.61	5.24	2.93	6.61	5.24	2.93	6.61	5.24	2.93	6.61	5.24	2.93	6.61	5.24
Shreveport, La.	3.93	2.25	3.29	2.38	4.11	4.95	4.63	6.07	2.27	4.30	2.84	2.40	2.84	1.88	2.50	2.30	1.35	2.90	3.61	5.28	3.65	5.82	4.29	3.15	43.37	40.16
Brantley, Tex.	1.50	1.92	1.21	1.06	1.17	1.87	1.43	1.96	2.27	4.30	2.84	2.40	2.84	1.88	2.50	2.30	1.35	2.90	3.61	5.28	3.65	5.82	4.29	3.15	43.37	40.16
El Paso, Tex.	2.65	1.22	4.17	1.17	3.60	4.49	3.67	3.33	2.02	5.82	2.82	1.99	6.0	1.70	2.0	2.25	2.31	3.60	1.9	5.0	1.17	1.87	1.26	38.16	31.54	
Fort Worth, Tex.	2.65	1.22	4.17	1.17	3.60	4.49	3.67	3.33	2.02	5.82	2.82	1.99	6.0	1.70	2.0	2.25	2.31	3.60	1.9	5.0	1.17	1.87	1.26	38.16	31.54	
Galveston, Tex.	3.41	2.63	4.76	4.57	2.82	3.80	4.02	3.03	4.65	2.80	3.35	1.61	2.16	2.62	1.1	2.49	7.8	2.81	1.1	2.58	1.17	1.87	1.26	38.16	31.54	
San Antonio, Tex.	1.46	3.35	1.65	3.3	2.84	3.82	3.06	4.41	3.42	3.37	1.29	3.71	4.00	4.28	6.03	5.57	7.13	4.36	1.26	3.33	3.78	3.75	2.74	47.7	43.00	
Oklahoma City, Okla.	1.19	9.2	1.11	3.66	1.98	5.53	3.29	3.06	4.28	3.58	2.46	2.17	9.1	2.42	4.4	3.05	1.82	2.38	1.3	1.90	6.3	1.61	1.24	27.15	23.26	
Little Rock, Ark.	4.73	0.80	3.84	4.87	4.62	7.18	5.19	4.04	4.78	3.27	5.45	2.86	2.75	2.89	3.40	3.17	9.9	2.71	1.37	1.49	6.07	4.1	3.4	48.38	49.06	
Waver, Mont.	1.66	3.1	3.50	6.2	5.1	1.40	9.9	2.9	2.04	2.46	2.86	2.59	1.54	2.89	1.68	1.04	1.34	67	1.80	6.1	6.1	6.1	6.1	78.13	90.17	
Kalispell, Mont.	1.66	3.1	3.50	6.2	5.1	1.40	9.9	2.9	2.04	2.46	2.86	2.59	1.54	2.89	1.68	1.04	1.34	67	1.80	6.1	6.1	6.1	6.1	78.13	90.17	
Cheyenne, Wyo.	1.57	7.1	1.11	1.07	9.5	9.4	8.0	3.7	4.46	1.72	2.02	1.10	1.06	87	56	1.24	1.4	6.6	5.4	5.2	6.3	5.7	6.3	32.13	11.23	
Sheridan, Wyo.	1.57	7.1	1.11	1.07	9.5	9.4	8.0	3.7	4.46	1.72	2.02	1.10	1.06	87	56	1.24	1.4	6.6	5.4	5.2	6.3	5.7	6.3	32.13	11.23	
Pueblo, Colo.	3.1	6.3	7.0	3.1	1.16	1.00	1.92	1.34	2.65	6.82	2.04	2.29	1.22	1.35	9.1	2.03	7.5	1.80	9.5	3.0	5.7	6.3	5.7	6.3	32.13	11.23
Grand Junction, Colo.	60	58	58	30	3.2	1.31	6.51	6.01	1.77	1.36	7.9	1.94	1.61	1.82	2.04	2.03	7.5	1.80	9.5	3.0	5.7	6.3	5.7	6.3	32.13	11.23
Santa Fe, N. Mex.	67	0.3	7.5	1.02	80	81	80	50	1.81	81	40	98	6.1	1.14	1.17	69	92	2.41	1.09	9.2	2.41	1.09	9.2	2.41	1.09	9.2
Santa Fe, N. Mex.	67	0.3	7.5	1.02	80	81	80	50	1.81	81	40	98	6.1	1.14	1.17	69	92	2.41	1.09	9.2	2.41	1.09	9.2	2.41	1.09	9.2
Roswell, N. Mex.	53	1.15	57	93	74	38	80	12	1.09	1.07	1.28	1.09	1.07	1.28	1.09	1.07	1.28	1.09	1.07	1.28	1.09	1.07	1.28	1.09	1.07	
Moenc, Ariz.	80	5.2	77	55	68	80	40	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
Modena, Utah.	85	1.38	85	1.16	1.03	2.20	89	63	79	1.82	3.2	1.08	2.29	1.29	1.74	7.8	1.7	7.4	1.4	39	3.5	8.8	7.6	10.14	15.20	
Salt Lake City, Utah	85	1.38	85	1.16	1.03	2.20	89	63	79	1.82	3.2	1.08	2.29	1.29	1.74	7.8	1.7	7.4	1.4	39	3.5	8.8	7.6	10.14	15.20	
Winnemucca, Nev.	1.29	1.16	91	1.16	9.4	3.11	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	
Boise, Idaho	1.29	1.16	91	1.16	9.4	3.11	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	2.04	1.13	
Seattle, Wash.	4.94	3.81	4.54	3.82	1.85	3.16	1.88	1.09	4.43	2.55	1.28	2.4	8.5	1.9	4.3	5.3	3.4	1.24	8.4	9.5	5.03	2.87	5.60	2.95	54.03	23.03
Walla Walla, Wash.	1.96	1.41	1.76	1.12	2.85	1.41	1.87	1.04	1.33	3.90	6.3	1.8	7.0	4.8	1.7	4.9	1.5	1.53	1.31	2.02	2.44	2.06	1.6	1.6	16.40	16.40
Portland, Ore.	6.30	5.05	5.30	7.83	3.91	6.42	2.87	2.02	5.9	3.9	4.9	6.1	2.5	4.6	3.5	1.98	1.38	3.2	2.87	6.10	4.83	6.72	4.15	4.1	13.93	36.76
Portland, Ore.	6.30	5.05	5.30	7.83	3.91	6.42	2.87	2.02	5.9	3.9	4.9	6.1	2.5	4.6	3.5	1.98	1.38	3.2	2.87	6.10	4.83	6.72	4.15	4.1	13.93	36.76
Eureka, Calif.	5.91	6.22	4.36	6.94	2.57	7.94	3.33	2.23	1.80	3.1	7.2	0.11	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fresno, Calif.	5.91	6.22	4.36	6.94	2.57	7.94	3.33	2.23	1.80	3.1	7.2	0.11	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fresno, Calif.	5.91	6.22	4.36	6.94	2.57	7.94	3.33	2.23	1.80	3.1	7.2	0.11	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Los Angeles, Calif.	1.73	2.14	1.43	3.98	1.58	5.19	9.5	1.32	4.4	0.1	7.8	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Los Angeles, Calif.	1.73	2.14	1.43	3.98	1.58	5.19	9.5	1.32	4.4	0.1	7.8	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sacramento, Calif.	3.10	1.63	3.07	9.81	1.04	4.45	4.45	0.2	0.8	1.04	1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sacramento, Calif.	3.10	1.63	3.07	9.81	1.04	4.45	4.45	0.2	0.8	1.04	1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Diego, Calif.	2.06	5.9	3.86	3.02	8.24	2.87	3.92	1.51	1.51	7.7	4.4	3.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Francisco, Calif.	4.54	2.65	2.85	3.13	1.61	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52

1 Normals are based on records of 30 or more years of observation. T=Trace, indicates an amount too small to measure.
 2 Normals for city office, observations taken at airport.
 3 Observations taken at airport.

Weather Bureau.

TABLE 673.—Frost: Dates of killing frosts, 1938, with length of growing season

Station	Date of last killing frost in spring 1938	Date of first killing frost in fall 1938	Average and extremes of killing frost ¹						Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		Days		
			Latest date	Average date	Earliest date	Average date			
Greenville, Maine.....	May 30 ¹	Sept. 2 ¹	June 23	May 28	Aug. 26	Sept. 15	110		
Portland, Maine.....	Apr. 11	Nov. 1	June 20	Apr. 19	Sept. 11	Oct. 17	181		
Concord, N. H.....	May 13	Oct. 3	June 5	May 4	Sept. 6	Oct. 1	150		
Northfield, Vt.....	May 9	Sept. 9	June 29 ¹	May 21	Aug. 14 ¹	Sept. 21	123		
Boston, Mass.....	Apr. 11	Nov. 16 ¹	May 16	Apr. 16	Sept. 26	Oct. 26	177		
Hartford, Conn.....	do. ¹	Oct. 8	May 22	Apr. 20	Sept. 11	Oct. 14	174		
Albany, N. Y.....	do. ¹	do. ¹	May 30	Apr. 24	Sept. 15	Oct. 15	177		
Buffalo, N. Y.....	do. ¹	Nov. 14	May 23	Apr. 28	Oct. 3	Oct. 22	174		
Canton, N. Y.....	May 4 ¹	Oct. 7	June 2	May 6	Sept. 11	Sept. 29	210		
Setauket, N. Y.....	Apr. 11 ¹	Nov. 16 ¹	May 17	Apr. 13	Oct. 21	Nov. 9	146		
Syracuse, N. Y.....	Apr. 13	Oct. 7	May 16	Apr. 23	Sept. 21	Oct. 22	210		
Atlantic City, N. J.....	Mar. 28 ¹	Nov. 25	Apr. 30	Apr. 9	Oct. 1	Nov. 5	195		
Trenton, N. J.....	Apr. 11 ¹	Nov. 15	May 17	Apr. 15	Sept. 22	Oct. 24	202		
Erie, Pa.....	Apr. 10	Oct. 7	do. ¹	Apr. 20	Oct. 7	Nov. 1	195		
Harrisburg, Pa.....	Apr. 11	Oct. 8	May 12	Apr. 9	Oct. 3	Oct. 28	202		
Pittsburgh, Pa.....	Apr. 10	Oct. 7	May 29	Apr. 23	Sept. 18	Oct. 21	181		
Seranton, Pa.....	Apr. 11	Oct. 8	May 15	Apr. 21	Sept. 14	Oct. 14	176		
Cincinnati, Ohio.....	Apr. 16	Nov. 9	Apr. 28	Apr. 9	Sept. 30	Oct. 23	197		
Cleveland, Ohio.....	Apr. 10 ¹	Oct. 24	May 21	Apr. 16	Oct. 2	Nov. 3	201		
Columbus, Ohio.....	do. ¹	Oct. 31	May 17	Apr. 18	Sept. 21	Oct. 19	184		
Dayton, Ohio.....	May 13	do. ¹	May 25	Apr. 17	Oct. 6	Oct. 25	191		
Toledo, Ohio.....	Apr. 10	Oct. 28	May 29	Apr. 22	Sept. 9	Oct. 18	179		
Evansville, Ind.....	Apr. 3	Oct. 24	Apr. 26	Apr. 3	Sept. 30	Oct. 29	209		
Fort Wayne, Ind.....	Apr. 10	Nov. 9	May 28	Apr. 24	Sept. 14	Oct. 12	171		
Indianapolis, Ind.....	do. ¹	Oct. 24	May 25	Apr. 16	Sept. 21	Oct. 20	187		
Cairo, Ill.....	Apr. 3	Nov. 8	Apr. 30	Mar. 30	Sept. 30	Oct. 29	213		
Chicago, Ill.....	Apr. 8 ¹	do. ¹	May 25	Apr. 16	Sept. 20	Oct. 19	186		
Peoria, Ill.....	Apr. 10	Oct. 24	May 11	Apr. 18	Sept. 25	do. ¹	187		
Springfield, Ill.....	Apr. 9	do. ¹	May 25	do. ¹	Sept. 25	do. ¹	187		
Alpena, Mich.....	Apr. 23 ¹	Oct. 7	June 9	May 13	Sept. 6	Oct. 1	141		
Detroit, Mich.....	May 12	Oct. 7	May 31	Apr. 28	Sept. 20	Oct. 14	169		
Grand Haven, Mich.....	May 13	do. ¹	May 28	Apr. 30	Sept. 23	Oct. 18	171		
Grand Rapids, Mich.....	do. ¹	Oct. 25	May 30	May 1	Sept. 30	do. ¹	170		
Ludington, Mich.....	do. ¹	Nov. 14	May 24	May 4	Sept. 4 ¹	Oct. 22	171		
Marquette, Mich.....	Apr. 21 ¹	Oct. 10	June 6	May 13	Aug. 23	Oct. 9	149		
Green Bay, Wis.....	May 12	Oct. 25	May 30	May 5	Sept. 16	do. ¹	174		
La Crosse, Wis.....	Apr. 10 ¹	Oct. 24	May 25	Apr. 29	Sept. 10	do. ¹	175		
Madison, Wis.....	do. ¹	Nov. 8	do. ¹	Apr. 26	Sept. 16	Oct. 17	148		
Milwaukee, Wis.....	Apr. 9 ¹	Nov. 9	May 29	do. ¹	Sept. 25	Oct. 18	175		
Duluth, Minn.....	May 7	Oct. 22	June 14	May 8	Sept. 10	Oct. 3	148		
Minneapolis, Minn.....	Apr. 9	Oct. 24	May 20	Apr. 27	Sept. 13	Oct. 10	166		
Moorhead, Minn.....	May 6	Oct. 19	June 8	May 10	Aug. 25	Sept. 25	138		
Charles City, Iowa.....	Apr. 22	Oct. 24	May 25 ¹	Apr. 27	Sept. 12 ¹	Oct. 4	160		
Des Moines, Iowa.....	Apr. 10	do. ¹	May 31	Apr. 21	do. ¹	Oct. 9	179		
Dubuque, Iowa.....	Apr. 9	do. ¹	May 21	Apr. 20	Sept. 26	Oct. 16	179		
Keokuk, Iowa.....	Apr. 2	do. ¹	May 4	Apr. 12	Sept. 18	do. ¹	187		
Columbia, Mo.....	Apr. 10	do. ¹	May 9	Apr. 13	do. ¹	Oct. 18	188		
St. Joseph, Mo.....	Apr. 9	do. ¹	Apr. 28	Apr. 10	Sept. 26	do. ¹	191		
St. Louis, Mo.....	Apr. 10	Nov. 8	May 22	Apr. 3	Sept. 30	Oct. 29	209		
Springfield, Mo.....	do. ¹	Oct. 24	May 19	Apr. 12	do. ¹	Oct. 22	193		
Bismarck, N. Dak.....	May 9	Oct. 19	June 7	May 11	Aug. 23	Sept. 22	134		
Devils Lake, N. Dak.....	May 23	Sept. 18	do. ¹	do. ¹	Aug. 8	Sept. 20	127		
Williston, N. Dak.....	May 9	Oct. 18	June 16	May 15	Aug. 22 ¹	Sept. 22	130		
Huron, S. Dak.....	Apr. 9	Oct. 23	June 21	May 9	Aug. 23	Sept. 25	159		
Pierre, S. Dak.....	May 9	do. ¹	May 24	Apr. 30	Sept. 12	Oct. 6	151		
Rapid City, S. Dak.....	May 7	Oct. 19	do. ¹	May 3	Sept. 13	Oct. 1	158		
Yankton, S. Dak.....	Apr. 9	Oct. 23	do. ¹	May 2	Sept. 14	Oct. 7	183		
North Platte, Nebr.....	Apr. 8	Oct. 24	do. ¹	do. ¹	Sept. 10	Oct. 2	150		
Omaha, Nebr.....	Apr. 9	do. ¹	May 19	Apr. 14	Sept. 18	Oct. 16	186		
Valentine, Nebr.....	do. ¹	Oct. 19	June 21	May 5	Sept. 12	Oct. 2	191		
Concordia, Kans.....	May 8 ¹	Oct. 23	May 19	Apr. 14	Sept. 27	Oct. 17	194		
Dodge City, Kans.....	Apr. 9 ¹	do. ¹	May 27	Apr. 16	Sept. 23	Oct. 24	196		
Iola, Kans.....	Apr. 10	do. ¹	May 4	Apr. 8	Sept. 26	Oct. 19	202		
Wichita, Kans.....	Apr. 9	do. ¹	May 15	Apr. 9	Sept. 23	Oct. 22	196		
Washington, D. C.....	Mar. 11 ¹	Nov. 24	May 12	Apr. 11	Oct. 2	Oct. 23	195		
Lynchburg, Va.....	Mar. 5	Nov. 10	May 17	Apr. 8	do. ¹	Oct. 27	202		
Norfolk, Va.....	Mar. 4 ¹	Nov. 28 ¹	Apr. 26	Mar. 24	Oct. 11	Nov. 16	237		
Richmond, Va.....	Mar. 11	Nov. 10	do. ¹	Mar. 31	Oct. 12	Nov. 2	216		
Wytheville, Va.....	Apr. 17	Oct. 8	May 27	Apr. 18	Sept. 19	Oct. 15	180		

See footnotes at end of table.

TABLE 673.—Frost: Dates of killing frosts, 1938, with length of growing season—
Continued

Station	Date of last killing frost in spring 1938	Date of first killing frost in fall 1938	Average and extremes of killing frost ¹				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
							Days
Elkins, W. Va.	May 13	Oct. 22	June 1 ¹	May 4	Sept. 20	Oct. 12	161
Parkersburg, W. Va.	May 12	Nov. 1	May 22	Apr. 17	Sept. 29	Oct. 18	184
Asheville, N. C.	Apr. 4	Oct. 26	May 10	Apr. 11	Oct. 3	Oct. 21	193
Charlotte, N. C.	Mar. 1 ¹	Nov. 25	Apr. 26	Mar. 25	Oct. 8	Nov. 5	225
Raleigh, N. C.	Mar. 11	do.	do.	Mar. 27	do.	do.	223
Wilmington, N. C.	Mar. 1	Dec. 29 ¹	Apr. 21	Mar. 21	Oct. 16	Nov. 15	239
Charleston, S. C.	Feb. 26 ¹	Nov. 28 ¹	Apr. 2	Feb. 20	Nov. 8	Dec. 11	204
Columbia, S. C.	Mar. 1	do.	Apr. 17	Mar. 17	Oct. 30	Nov. 18	246
Greenville, S. C.	do.	do.	Apr. 24 ¹	Mar. 30	Oct. 10	Nov. 6	221
Atlanta, Ga.	Mar. 7	Nov. 9	Apr. 17	Mar. 29	Oct. 11	Nov. 8	224
Augusta, Ga.	Mar. 2	Nov. 25	do.	Mar. 20	Oct. 21	Nov. 11	236
Macon, Ga.	do.	Nov. 28	Apr. 18	Mar. 19	Oct. 11	Nov. 10	236
Savannah, Ga.	Feb. 26 ¹	Nov. 27	Apr. 13	Mar. 1	Oct. 25	Nov. 25	269
Thomasville, Ga.	do.	Nov. 25	Apr. 26	Mar. 10	Oct. 21	Nov. 16	251
Apalachicola, Fla.	Jan. 27	do.	Mar. 23	Feb. 11	Nov. 13	Dec. 11	303
Avon Park, Fla.	(¹)	(¹)	Mar. 4	Jan. 12	Nov. 14	Dec. 26	348
Jacksonville, Fla.	Jan. 29	Nov. 28 ¹	Apr. 16	Feb. 16	Nov. 12	Dec. 7	294
Miami, Fla.	(¹)	(¹)	Mar. 3	do.	Nov. 21	(¹)	(¹)
Tampa, Fla.	Jan. 29	(¹)	Mar. 19	(¹)	do.	(¹)	(¹)
Chattanooga, Tenn.	Apr. 3	Nov. 15	May 14	Apr. 2	Sept. 30	Oct. 26	207
Knoxville, Tenn.	Apr. 10	Oct. 25	Apr. 26	do.	Oct. 1	Oct. 29	210
Memphis, Tenn.	Mar. 1 ¹	Nov. 9	Apr. 25	Mar. 21	Oct. 2	Nov. 4	228
Nashville, Tenn.	Apr. 3	do.	Apr. 24	Mar. 31	Oct. 8	Oct. 7	211
Birmingham, Ala.	Mar. 7 ¹	Nov. 26	Apr. 20	Mar. 19	Oct. 21	Nov. 10	236
Mobile, Ala.	Feb. 1	do.	Apr. 6	Feb. 17	Oct. 31	Dec. 7	293
Montgomery, Ala.	do.	Nov. 28 ¹	Mar. 27	Jan. 25	Nov. 11	Dec. 18	327
New Orleans, La.	Feb. 20 ¹	Nov. 8	Apr. 9	Mar. 6	Oct. 20	Nov. 12	251
Shreveport, La.	Feb. 23	Nov. 7	Apr. 23	Mar. 23	Oct. 19	Nov. 10	232
Ableene, Tex.	Apr. 9	Nov. 6	May 7	Apr. 17	Oct. 16	Oct. 31	197
Amarillo, Tex.	(¹)	(¹)	Mar. 14	Jan. 26	Nov. 15	Dec. 23	332
Brownsville, Tex.	(¹)	(¹)	Mar. 19	Jan. 24	Nov. 29	Dec. 27	337
Corpus Christi, Tex.	Feb. 1	Nov. 8	Mar. 27	Feb. 23	Oct. 27	Nov. 27	277
Del Rio, Tex.	Apr. 9	Nov. 7	Apr. 26	Mar. 19	Oct. 23	Nov. 14	240
El Paso, Tex.	Feb. 22 ¹	Nov. 8	Apr. 9	Mar. 11	Oct. 22	Nov. 17	251
Fort Worth, Tex.	(¹)	do.	Mar. 19	Jan. 19	Nov. 16	Dec. 25	340
Galveston, Tex.	Feb. 20 ¹	Nov. 8	Apr. 5	Mar. 8	Oct. 20	Nov. 18	255
Palestine, Tex.	Feb. 1	do.	do.	Feb. 23	Oct. 30	Nov. 30	260
San Antonio, Tex.	Apr. 10	do.	Apr. 10	Mar. 6	do.	Nov. 26	265
Taylor, Tex.	Apr. 9	Nov. 7	Apr. 30	Mar. 29	Oct. 7	Nov. 4	220
Oklahoma City, Okla.	Mar. 7	Oct. 24	Apr. 17	Mar. 23	Oct. 9	Nov. 6	228
Fort Smith, Ark.	Feb. 25	Nov. 8	Apr. 26	Mar. 18	Oct. 22	Nov. 14	241
Little Rock, Ark.	May 8	Oct. 18	June 6	May 15	Aug. 25	Sept. 20	128
Havre, Mont.	Apr. 21	do.	June 9	May 7	do.	Sept. 29	145
Helena, Mont.	Apr. 24 ¹	Oct. 14	June 7	May 10	Sept. 6	Sept. 30	143
Miles City, Mont.	May 7	Oct. 19	May 31	May 2	Sept. 7	Oct. 2	153
Cheyenne, Wyo.	do.	do.	June 13	May 18	Aug. 25	Sept. 22	127
Lander, Wyo.	May 8	Oct. 9	June 20	May 19	Aug. 23	Sept. 19	123
Sheridan, Wyo.	May 14	Oct. 19	June 6	May 18	Aug. 26	Sept. 20	125
Yellowstone Park, Wyo.	May 19 ¹	Oct. 4	June 22	May 24	do.	Sept. 16	115
Denver, Colo.	May 7 ¹	Oct. 19	June 6	May 8	Sept. 12	Oct. 10	160
Grand Junction, Colo.	Apr. 7	Nov. 3 ¹	May 14	Apr. 16	Sept. 14	Oct. 19	186
Pueblo, Colo.	May 8	Oct. 23	June 2	Apr. 24	Sept. 12	Oct. 10	169
Roswell, N. Mex.	Apr. 7	Oct. 24	May 7	Apr. 11	Oct. 10	Oct. 28	200
Santa Fe, N. Mex.	Apr. 15 ¹	Oct. 19 ¹	May 23 ¹	Apr. 24	Sept. 25	Oct. 19	178
Flagstaff, Ariz.	June 19 ¹	Oct. 8 ¹	June 19 ¹	June 1	Sept. 12	Sept. 28	119
Phoenix, Ariz.	Jan. 25	Nov. 13	Mar. 31	Feb. 10	Nov. 5	Dec. 3	296
Tucson, Ariz.	Mar. 31	do.	Apr. 24	Mar. 17	Oct. 19	Nov. 20	248
Yuma, Ariz.	(¹)	(¹)	Feb. 29	Jan. 2	Nov. 19	Dec. 25	357
Modena, Utah	May 19	Oct. 17	July 3 ¹	May 21	Sept. 5	Sept. 29	131
Salt Lake City, Utah	May 7	Oct. 19	June 18	Apr. 18	Sept. 22	Oct. 19	184
Reno, Nev.	do.	Oct. 3	June 22	do.	Aug. 22	Sept. 27	136
Winnemucca, Nev.	do.	Oct. 3	June 22	do.	Aug. 22	Sept. 27	136
Boise, Idaho	May 6	Nov. 6	June 16	Apr. 27	Sept. 11	Oct. 13	169
Lewiston, Idaho	Apr. 4	Nov. 5	May 10	Apr. 6	Sept. 21	Oct. 24	201
Pocatello, Idaho	May 19	Oct. 18	June 1	Apr. 29	Sept. 8	Oct. 6	160
Seattle, Wash.	Feb. 17 ¹	Nov. 11	May 10	Mar. 16	Oct. 18	Nov. 22	251
Spokane, Wash.	Apr. 3 ¹	Oct. 16	June 8	Apr. 15	Sept. 7	Oct. 13	181
Walla Walla, Wash.	Mar. 29	Nov. 6	May 9	Mar. 31	Sept. 24	Nov. 1	215
Baker, Oreg.	May 17 ¹	Oct. 13	June 23	May 15	Aug. 30	Sept. 30	138

See footnotes at end of table.

TABLE 673.—Frost: Dates of killing frosts, 1938, with length of growing season—Continued

Station	Date of last killing frost in spring 1938	Date of first killing frost in fall 1938	Average and extremes of killing frost ¹				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
							Days
Portland, Oreg.	Feb. 1 ¹	Nov. 12	May 2	Mar. 15	Oct. 13	Nov. 21	251
Roseburg, Oreg.	Apr. 1 ¹	Oct. 11	May 24	Apr. 8	Sept. 24	Nov. 11	217
Eureka, Calif.	(²)	Dec. 12 ²	Apr. 8	Mar. 16	Nov. 7	Dec. 18	277
Fresno, Calif.	Jan. 12 ¹	Nov. 12	Apr. 13	Feb. 12	Oct. 31	Nov. 28	289
Independence, Calif.	Apr. 1	Oct. 17	May 24	Apr. 13	Sept. 24	Oct. 27	197
Los Angeles, Calif.	(²)	(²)	Feb. 17	Jan. 3	Nov. 2	Dec. 28	359
Redding, Calif.	Feb. 16	Nov. 11	May 1	Mar. 4	Oct. 17	Dec. 3	274
Sacramento, Calif.	Jan. 24	Nov. 13	May 7	Feb. 10	Nov. 11	Dec. 12	305
San Bernardino, Calif.	Mar. 31	Nov. 7	Apr. 18	Mar. 9	Oct. 23	Nov. 26	262
San Diego, Calif.	(²)	(²)	Jan. 22	(⁴)	Dec. 26	(⁴)	365
San Francisco, Calif.	(²)	(²)	Mar. 27	Jan. 13	Dec. 4	Dec. 29	350

¹ Average dates from beginning of record through 1930; extreme dates from beginning of record to 1938 inclusive. ² Temperature 32° F., or below. ³ None. ⁴ Frosts do not occur every year.

* Weather Bureau.

TABLE 674.—Rainfall, monthly and annual, by States, 1938

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>
Alabama	3.39	1.90	6.36	9.53	3.48	4.55	7.54	3.89	1.40	0.33	3.35	2.64	48.36
Arizona	.66	1.75	2.20	.22	.20	.88	1.54	2.24	.87	.11	.96	2.18	12.91
Arkansas	6.48	6.08	6.02	4.83	4.62	4.34	3.74	2.26	1.55	.94	5.26	2.93	49.05
California	3.72	9.26	8.33	2.00	.41	1.18	15.05	.68	3.27	1.61	1.17	2.72	30.06
Colorado	.82	.99	2.17	2.06	2.48	1.69	1.67	1.77	3.01	.87	.93	.89	19.35
Connecticut	5.12	2.51	2.14	3.17	4.05	6.92	9.57	4.20	13.06	2.35	3.66	3.65	60.40
Delaware	2.74	2.61	2.60	1.87	4.28	5.41	9.69	3.40	8.36	2.31	2.96	2.66	48.89
Florida	2.04	1.36	1.87	1.31	4.10	6.71	8.49	3.82	5.84	4.70	1.61	1.38	43.23
Georgia	2.01	1.12	3.71	6.88	3.47	5.49	7.57	3.02	2.70	.70	1.71	1.28	42.06
Idaho	1.80	1.82	3.40	1.45	1.55	1.40	1.14	.61	2.58	1.91	1.46	19.56	
Illinois	2.57	2.41	5.61	3.11	5.14	5.23	4.74	3.33	3.11	1.36	2.35	1.65	40.61
Indiana	1.72	2.82	6.32	2.57	5.63	5.22	5.25	3.21	2.94	.83	3.00	1.70	41.11
Iowa	1.14	.94	2.35	3.66	5.45	4.66	4.24	3.82	5.67	.88	2.76	.71	36.28
Kansas	.45	1.16	2.06	2.41	7.56	4.08	2.90	2.53	2.19	.33	1.40	.20	27.27
Kentucky	3.56	2.39	6.29	2.85	5.73	3.93	7.27	4.45	3.52	.45	3.68	1.85	45.97
Louisiana	4.98	3.20	3.81	7.06	2.51	4.59	6.17	6.21	2.85	1.32	4.03	3.53	50.26
Maine	3.51	2.69	2.38	2.71	3.83	3.89	5.62	3.12	5.62	2.69	2.68	4.23	42.97
Maryland	2.26	2.52	2.74	1.76	4.34	3.95	7.00	2.61	5.80	1.92	2.77	2.82	40.49
Massachusetts	4.45	2.39	2.45	3.04	3.92	7.39	8.97	3.21	10.15	2.49	3.26	3.31	55.06
Michigan	2.54	3.20	2.76	1.62	3.67	3.11	2.66	4.29	2.73	1.17	1.64	2.17	31.56
Minnesota	.60	.78	1.51	3.11	6.55	3.41	3.30	2.59	3.62	.61	1.90	.62	28.50
Mississippi	4.85	3.20	6.03	8.42	2.72	5.25	5.39	3.96	1.41	.82	3.30	3.50	48.85
Missouri	2.93	3.20	4.98	3.68	6.13	4.77	3.50	2.62	1.85	1.23	4.28	1.83	41.00
Montana	.60	.67	1.27	.71	3.18	3.08	2.09	.92	.87	1.75	.89	.56	16.59
Nebraska	.35	.64	1.42	3.02	4.99	2.64	3.23	1.97	2.88	.18	.72	.18	22.22
Nevada	.74	1.82	2.11	1.26	1.18	1.08	.76	.42	1.16	1.32	.52	.42	11.79
New Hampshire	3.73	2.47	2.39	2.61	3.10	4.00	7.24	3.64	9.16	2.28	2.91	4.33	47.86
New Jersey	3.64	2.31	2.15	2.82	3.51	7.79	8.84	3.08	9.67	2.47	3.42	2.80	52.50
New Mexico	.57	.96	.85	.50	.67	2.31	2.31	1.02	3.30	1.10	.27	.76	14.62
New York	2.91	3.00	2.45	2.58	3.01	3.64	5.11	4.31	7.59	1.30	2.79	2.90	41.59
North Carolina	2.89	1.56	3.30	4.32	4.91	6.15	7.75	2.84	5.90	1.33	4.02	3.21	48.18
North Dakota	.48	.68	.59	1.09	2.55	2.73	3.34	1.50	.63	.55	.87	.32	15.33
Ohio	1.62	2.87	5.28	3.18	5.25	4.08	4.99	3.10	4.02	.68	3.19	1.37	39.63
Oklahoma	1.44	4.45	4.25	2.88	5.95	4.37	2.63	2.04	1.84	.52	2.21	.62	33.20
Oregon	3.39	4.56	5.38	1.87	.84	.89	.51	.13	.85	2.06	3.35	2.43	26.31
Pennsylvania	2.51	2.85	3.19	2.85	3.85	5.14	4.81	2.90	4.74	1.81	3.10	2.56	40.31
Rhode Island	4.06	2.38	2.54	3.12	4.63	7.18	4.40	3.38	5.90	3.42	3.57	3.35	47.93
South Carolina	1.50	.92	2.24	6.30	4.14	4.80	6.90	2.27	4.92	1.09	2.84	2.75	40.67
South Dakota	.52	.60	1.23	2.47	3.48	2.72	2.04	1.11	2.34	.16	.87	.26	17.50
Tennessee	5.38	2.49	5.61	4.63	5.81	4.91	6.37	4.22	7.23	.57	4.38	2.53	49.63
Texas	2.81	2.16	2.15	3.40	3.08	3.17	3.43	1.32	1.57	.87	1.80	1.72	27.18
Utah	.91	1.44	2.89	1.08	1.80	.69	.67	1.09	.76	1.70	1.16	.07	15.16
Vermont	4.00	2.15	2.27	2.73	2.94	3.32	6.84	4.15	9.33	1.90	2.70	3.93	46.06
Virginia	2.13	1.65	3.03	2.59	4.31	6.25	7.20	2.61	3.93	1.23	3.79	2.83	42.21
Washington	3.53	3.34	4.53	2.38	1.09	.76	.36	.34	.92	3.55	4.01	4.54	29.35
West Virginia	2.22	3.01	4.03	3.06	5.97	5.77	5.58	2.58	3.59	.89	3.96	1.81	42.47
Wisconsin	2.03	2.14	2.59	3.07	5.06	5.15	4.41	4.95	7.27	1.32	2.39	1.26	41.64
Wyoming	.79	.51	1.31	1.60	2.63	1.52	1.70	1.07	1.27	1.17	1.01	.68	15.26

Weather Bureau.

TABLE 675.—National-forest area, by regions, June 30, 1938, and experimental ranges

AREAS¹

Region number and name	Gross area (total area within established boundaries) ²	Part of gross area not in Federal ownership nor approved for purchase on June 30, 1938	Part of gross area under National-forest administration		
			Area in complete Federal ownership	Area approved for purchase as of June 30, 1938	Total area under Federal administration
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1 Northern.....	26,823,382	3,698,604	23,124,778	-----	23,124,778
2 Rocky Mountain.....	21,802,350	2,225,552	19,576,798	-----	19,576,798
3 Southwestern.....	21,991,713	2,632,568	19,359,145	-----	19,359,145
4 {Intermountain.....	31,092,744	1,733,520	29,319,280	39,944	29,359,224
Do. ³	31,114	26,702	3,307	1,105	4,412
5 {California.....	24,339,719	4,750,952	19,588,767	-----	19,588,767
Do. ³	871,600	842,000	106	29,394	29,500
6 {North Pacific.....	27,238,415	4,371,632	22,866,783	-----	22,866,783
Do. ³	13,000	6,325	6,595	80	6,675
7 {Eastern.....	9,348,097	5,481,094	3,665,304	201,699	3,867,003
Do. ³	965,284	951,779	12,490	1,015	13,505
8 {Southern.....	18,745,967	10,138,298	8,295,780	311,889	8,607,669
Do. ³	2,455,974	2,380,055	44,583	31,336	75,919
9 {North Central.....	9,066,936	4,142,365	4,706,544	218,027	4,924,571
Do. ³	11,090,880	9,203,676	1,641,865	243,341	1,885,204
10 Alaska.....	21,402,950	54,735	21,348,215	-----	21,348,215
Total, National forests.....	211,852,273	38,629,320	172,451,394	771,550	173,222,953
Total, purchase units.....	4 15,427,752	13,412,537	1,708,944	306,271	4 2,015,215
Grand total.....	227,280,025	52,041,857	174,160,338	1,077,830	175,238,168

EXPERIMENTAL RANGES⁴

Name	State	Area	Latest change in boundary
		<i>Acres</i>	
Desert.....	Utah.....	55,625	Feb. 1, 1933
Jornada.....	New Mexico.....	193,522	July 10, 1925
San Joaquin.....	California.....	4,422	Dec. 29, 1937
Santa Rita.....	Arizona.....	52,390	Mar. 2, 1927

¹ Regional headquarters of National-forest areas:

Region 1. Northern region: Office, Federal Building, Missoula, Mont. Embracing Montana, northern eastern Washington, northern Idaho, and northwestern South Dakota.

Region 2. Rocky Mountain region: Office, Post Office Building, Denver, Colo. Embracing Colorado, eastern Wyoming, South Dakota, and Nebraska.

Region 3. Southwestern region: Office, Post Office Building, Albuquerque, N. Mex. Embracing Arizona and New Mexico.

Region 4. Intermountain region: Office, Forest Service Building, Ogden, Utah. Embracing Utah, southern Idaho, western Wyoming, and Nevada.

Region 5. California region: Office, Phelan Building, 760 Market Street, San Francisco, Calif. Embracing California and southwestern Nevada.

Region 6. North Pacific region: Office, Post Office Building, Portland, Oreg. Embracing Washington and Oregon.

Region 7. Eastern region: Office, Victor Building, Washington, D. C. Embracing Kentucky, Maine, Massachusetts, New Hampshire, Pennsylvania, Vermont, Virginia, and West Virginia.

Region 8. Southern region: Office, Glenn Building, Atlanta, Ga. Embracing Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, eastern Oklahoma, Puerto Rico, South Carolina, Tennessee, and Texas.

Region 9. North Central region: Office, Plankinton Building, Milwaukee, Wis. Embracing Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, North Dakota, Ohio, and Wisconsin.

Region 10. Alaska region: Office, Federal and Territorial Building, Juneau, Alaska. Embracing Alaska.

² Including small Federally-owned areas outside of the established boundaries.³ Purchase units.⁴ Including 1,787 acres of experimental area in California and Massachusetts not having purchase-unit status.⁵ Established by Executive order or by purchase for use of the Forest Service in conducting studies of range management.⁶ Forest Service.

For the detail of National-forest areas by States, and for lists of National monuments and National game refuges, located wholly or in part within National forests, address the Forest Service, Washington, D. C.

	5.06	3.74	5.27	3.12	8.69	0.34	2.73	5.16	6.22	3.00
Vermont	5.06				8.69	0.34				
Virginia	1.20			2.75	5.11	7.45		5.72	4.09	2.00
Washington	2.30	2.13	3.34	3.56	2.98	1.77	1.09	1.77	1.77	
West Virginia	5.00			4.00	4.97	4.00		5.54	3.00	2.00
Wisconsin	0.56			3.50	5.37	4.84	5.93	4.00	8.03	4.75
Wyoming		2.60								

¹ Northern white pine in States east of the Great Plains; western white pine in Idaho, Montana, and Washington; sugar pine in California and Oregon.

* Includes all sales of southern pines.

* Balsam fir in Eastern and Lakes States; white fir in Western States.

* Red, black, and white spruce in Eastern and Lakes States; sitka spruce in California;

Oregon, and Washington; Engelmann spruce in Colorado, Idaho, Montana, New Mexico,

and Utah,

Forest Service, in cooperation with the Bureau of the Census.

¹ Eastern and western hemlock for Eastern and Western States respectively.

• Eastern and western hemlock for Eastern and Western States, respectively.

Eastern red cedar in Tennessee: southern white cedar in N

California: western

Includes as

• Redwood.

Alder.

January.

Forest Service, in cooperation with the Bureau of the Census.

TABLE 677.—Logs: Price per 1,000 feet, log scale, f. o. b. manufacturing plant, 1937

State	Pine				Softwoods							Hardwoods							
	White ¹	South- ern yellow ²	Pon- derosa	Doug- las fir	Firs (true) ³	Spruce ⁴	Hem- lock ⁵	Cypress	Cedar ⁶	Oak	Maple	Elm	Gum	Cotton- wood ⁷	Yellow poplar	Birch	Bass- wood	Ash	Beech
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alabama.....		8.99						15.32	30.00	14.40	11.36	13.00	11.54	12.66	16.59		15.00	15.00	
Arkansas.....		8.81						12.77	20.00	15.05	13.60	14.72	12.95	12.63	14.00			16.13	11.00
California.....	10.17		11.03	10.83	8.90	12.40		* 27.99	9.02										
Colorado.....			13.21	12.40	8.50	13.21				20.00									
Connecticut.....	20.00																		
Delaware.....		7.45								12.50	15.53	13.57	14.84				9.00	23.69	
Florida.....		14.05						20.59		17.03	15.73	11.00	15.73	13.80	16.75		14.00	24.60	
Georgia.....		15.28						18.95		16.49									
Illinois.....	19.97		11.14	10.75	10.08				10.98	27.36	60.59	19.56	31.18	18.92	39.60		19.39	15.40	
Indiana.....									43.00	28.33	27.40	15.50	26.40	12.23	24.38	14.00	27.27	33.57	15.40
Iowa.....									16.00	18.00	18.00	12.00		18.00			18.00	20.00	
Kentucky.....		9.16						10.00	27.62	26.66	18.17	22.72		13.00			35.55	25.37	15.07
Louisiana.....		10.60						15.85	10.94	17.57	12.09	13.04	15.01	44.96	49.00	20.39	14.00	17.21	18.00
Maine.....	11.57				15.22	15.36	12.54	12.00	16.00	17.57				15.00					
Maryland.....	15.00	10.96							11.50	12.50							16.00		
Massachusetts.....	12.14				15.00	10.00			12.00	45.69				16.07	12.33	35.16	30.03	21.65	19.08
Michigan.....	25.26			16.44	18.28	14.82		13.00	35.37	23.78	22.42		9.61	9.61		20.00	30.03	30.00	15.26
Minnesota.....	20.69			12.92	18.86			16.00	12.00	7.00	9.00	15.05	15.73	16.14		11.00	32.29	18.00	
Mississippi.....		11.69						18.67	16.51	15.98	14.10	51.57	30.03	40.47					
Missouri.....		9.49		15.14				14.00	18.92	20.50	19.36		31.57	30.03					
New Hampshire.....	21.27		16.33		9.74			10.00		14.00	16.00						14.00		
New Jersey.....	10.56			15.00	12.24	11.83				29.51									
New Mexico.....			16.68																
New York.....	15.19	13.70		10.00		16.19			19.60	24.83	26.75			62.13	23.12	22.30	20.91	15.10	
North Carolina.....								15.09	43.11	18.27	17.72		16.87				17.67	14.74	10.00
Ohio.....						7.00			23.39	24.58	15.08			34.07			27.18	36.47	11.50
Oregon.....	12.14		11.55	12.43	10.27	11.77		12.30	17.33	15.28	30.00	30.00	9.99				* 12.92	37.01	
Pennsylvania.....	20.87					14.95		12.46		17.32	21.30	20.00	30.00	30.00	12.21		20.38	33.09	15.48
South Carolina.....		12.85								12.08			15.89	15.61				11.57	
South Dakota.....																			
Tennessee.....	12.94	10.55				10.00		15.06	20.44	19.73	17.86	12.99	20.64	14.73	15.86	16.00	17.13	20.23	11.07
Texas.....		10.16						15.00		13.32			13.72	10.16				16.56	
Utah.....			11.94																
Vermont.....	13.79	16.79		13.82		13.23			18.07	21.70	15.97			12.38		22.41	24.63	54.26	14.18
Virginia.....	25.69	12.37				12.08	20.50	30.00	26.84	27.86		21.09			24.31				

Washington.....	10.21	10.51	10.80	10.03	15.27	12.20	* 30.50	16.02	40.75	18.50	10.56	40.00	19.50	* 14.00	21.27
West Virginia.....	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Wisconsin.....	21.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00

* Northern white pine in States east of the Great Plains; western white pine in Idaho, Montana, and Washington; sugar pine in California and Oregon.

† Includes all sales of southern pine.

* Balsam fir in Eastern and Lakes States; white fir in Western States.

* Red, black, and white spruce in Eastern and Lakes States; sitka spruce in California, Oregon, and Washington; Engelmann spruce in Colorado, Montana, and Utah.

† Eastern and western hemlock for Eastern and Western States, respectively.

Forest Service, in cooperation with the Bureau of the Census.

* Northern white cedar in Northeastern and Lakes States; eastern red cedar in Alabama, Arkansas, Indiana, Kentucky, North Carolina, Tennessee, and Virginia; incense cedar in California; and western red cedar in other States.

† Includes aspen.

* Redwood.

† Alder.

TABLE 678.—Saw-timber area, stand, growth, and depletion in the United States

Region	Area	Stand ¹	Annual growth ²	Annual depletion			
				Cut ³	De- stroyed by fire ⁴	Other destruc- tion ⁵	Total
	Thousand acres	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.
New England.....	13,860	57,875	784	1,648	2	255	1,905
Middle Atlantic ⁶	7,294	26,150	575	1,061	7	14	1,082
Lake.....	5,095	35,887	116	2,709	4	35	2,748
Central ⁷	21,224	34,622	757	5,454	12	59	5,525
South ⁸	57,265	199,297	6,799	25,233	395	711	26,339
Eastern.....	104,738	353,831	8,981	36,105	420	1,074	37,599
Pacific coast.....	44,140	1,041,628	1,785	16,487	564	1,749	18,800
Northern Rocky Mountain ⁹	17,026	146,388	576	1,510	393	474	2,377
Southern Rocky Mountain ¹⁰	22,741	125,956	389	540	13	105	638
Western.....	83,907	1,313,972	2,750	18,737	970	2,328	21,835
Total.....	188,645	1,667,803	11,731	54,642	1,390	3,402	59,434

¹ Standing timber of all species of size suitable for lumber, according to the local practice in each region as of 1930.

² Current annual growth of timber of saw-timber size.

³ Cut for lumber and other commodities, averaged for the period 1925-29.

⁴ Saw timber destroyed, averaged for the period 1925-29.

⁵ Destruction due to insects, disease, windfall, etc., averaged for the period 1919-29.

⁶ Includes New York, Pennsylvania, New Jersey, Delaware, and Maryland.

⁷ Includes Ohio, Indiana, Illinois, Iowa, Kansas, Missouri, Nebraska, Tennessee, Kentucky, and West Virginia.

⁸ Includes the coastwise States, Virginia to Texas, inclusive; also Arkansas and Oklahoma.

⁹ Includes Idaho and Montana.

¹⁰ Includes the other Rocky Mountain States and South Dakota (Black Hills).

Forest Service; from A National Plan for American Forestry, 1933.

TABLE 679.—Lumber: Production, by States, 1929, 1935, 1936, and 1937

State	1929	1935	1936	1937	State	1929	1935	1936	1937
	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.		Million ft. b. m.	Million ft. b. m.	Million ft. b. m.	Million ft. b. m.
Alabama.....	2,059	952	1,153	1,326	New Jersey.....	16	8	12	16
Arizona.....	175	100	123	123	New Mexico.....	148	126	141	164
Arkansas.....	1,348	856	1,077	1,096	New York.....	160	69	97	110
California.....	¹ 2,063	¹ 1,356	¹ 1,648	1,776	North Carolina.....	1,202	685	797	1,156
Colorado.....	71	48	72	84	Ohio.....	176	83	101	112
Connecticut.....	30	8	0	10	Oklahoma.....	200	126	156	159
Delaware.....	10	7	6	6	Oregon.....	4,784	3,145	4,077	4,352
Florida.....	1,137	610	816	796	Pennsylvania.....	314	158	188	195
Georgia.....	1,386	714	872	865	Rhode Island.....	6	4	4	3
Idaho.....	1,029	609	724	797	South Carolina.....	1,068	532	638	570
Illinois.....	38	19	25	27	Texas.....	61	38	33	44
Indiana.....	170	86	100	102	Tennessee.....	764	337	421	436
Kentucky.....	339	164	195	191	Utah.....	1,452	744	942	1,126
Louisiana.....	2,252	1,065	1,250	1,362	Vermont.....	5	0	10	15
Maine.....	258	217	232	237	Virginia.....	120	73	82	96
Maryland.....	55	22	32	43	Washington.....	7,302	3,452	4,572	4,713
Massachusetts.....	72	56	57	57	West Virginia.....	633	253	336	353
Michigan.....	571	333	405	464	Wisconsin.....	843	367	409	419
Minnesota.....	357	108	123	122	Wyoming.....	26	23	42	58
Mississippi.....	2,669	1,102	1,261	1,220	All other.....	² 20	² 8	² 13	² 16
Missouri.....	228	64	81	71					
Montana.....	389	234	295	335					
New Hampshire.....	192	127	161	157	Total.....	³ 36,886	³ 19,839	³ 24,355	25,997

¹ Includes the cut of Nevada.

² Includes the cut of Iowa, Kansas, and Nebraska.

³ Mills cutting less than 50,000 feet each year excluded.

Bureau of the Census, with cooperation of the Forest Service.

TABLE 680.—*Lumber: Average value at the mill, per 1,000 feet board measure, in stated years*

Kind of wood	1899	1909	1919	1929	1930	1932	1933	1934	1935	1936
Softwoods:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Balsam fir.....	(¹)	13.90	32.23	25.40	26.72	19.32	19.79	20.27	22.03	23.65
Cedar.....	10.91	19.95	33.80	34.83	31.14	24.55	25.91	27.94	29.33	33.33
Cypress.....	13.32	20.46	38.38	35.29	33.10	24.62	26.30	30.73	29.51	24.90
Douglas fir.....	8.67	12.44	24.62	20.05	16.91	10.63	13.57	16.14	15.97	17.67
Hemlock.....	9.98	13.95	29.16	18.90	17.04	12.39	14.27	17.70	18.53	18.85
Larch (tamarack).....	8.73	12.68	23.39	18.35	17.18	10.76	13.34	16.07	16.90	15.90
Lodgepole pine.....	(¹)	16.25	29.88	17.97	17.64	12.45	16.23	16.54	18.27	17.22
Ponderosa pine.....	9.70	15.39	27.75	26.47	23.52	16.88	18.57	20.51	20.40	21.83
Redwood.....	10.12	14.80	30.04	31.00	30.33	24.33	26.29	30.03	29.77	35.01
Spruce.....	11.27	16.91	30.76	28.64	23.66	17.73	18.89	21.75	22.00	23.92
Sugar pine.....	12.30	18.14	35.99	43.08	38.10	26.26	27.95	27.64	30.03	31.83
White fir.....	(¹)	13.10	25.66	20.63	17.57	12.23	15.30	15.15	16.17	16.25
White pine.....	12.69	18.16	32.83	29.87	27.81	21.58	21.45	23.75	25.66	26.28
Yellow pine.....	8.46	12.69	28.71	25.66	21.06	13.32	17.91	21.64	18.24	20.76
Hardwoods:										
Ash.....	15.84	24.44	52.69	43.14	30.72	28.74	33.19	39.26	30.02	32.42
Basswood.....	12.84	19.60	40.03	39.88	35.31	23.81	29.19	30.78	32.06	33.70
Beech.....	(¹)	13.25	29.98	28.39	26.89	17.97	22.75	22.93	23.65	23.51
Birch.....	12.50	16.95	35.79	39.35	36.39	26.26	29.02	30.58	31.92	34.48
Chestnut.....	13.37	16.12	32.30	29.51	23.91	17.87	23.01	23.53	21.96	22.95
Cottonwood.....	10.37	18.05	32.24	29.70	22.73	16.49	22.18	26.08	20.62	19.22
Elm.....	11.47	17.52	36.39	35.28	30.20	19.07	23.09	24.09	25.03	24.48
Gum, red and sap.....	9.63	13.20	32.68	34.42	27.67	16.84	23.01	24.70	22.33	23.85
Hickory.....	18.78	30.80	44.37	40.33	33.00	29.85	26.27	27.92	31.41	33.86
Maple.....	11.83	15.77	35.56	36.93	34.45	22.82	30.51	30.84	30.60	31.67
Oak.....	13.78	20.50	37.87	38.43	29.29	22.84	28.53	27.54	27.15	27.46
Sycamore.....	11.04	14.87	30.32	30.07	26.54	18.71	22.78	21.52	22.80	24.09
Tupelo.....	(¹)	11.87	28.42	25.39	23.47	17.40	22.01	22.70	19.65	21.21
Walnut.....	36.49	43.79	72.13	119.15	100.75	57.87	77.61	86.60	75.64	74.64
Yellow poplar.....	14.03	25.39	41.65	41.66	35.19	26.02	29.91	30.01	28.65	27.78
All kinds.....	11.13	15.38	30.21	26.94	22.81	15.12	18.55	21.47	20.43	22.30

¹ No data available.

Bureau of the Census, with cooperation of the Forest Service.

TABLE 681.—*Pulpwood consumption, wood pulp, and paper production, United States, 1899, 1904-11, 1914, and 1916-37*

Year	Pulpwood consumption	Wood-pulp production	Paper production	Year	Pulpwood consumption	Wood-pulp production	Paper production
	<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>		<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>
1899.....	1,986,310	1,179,525	2,167,593	1922.....	5,548,842	3,521,644	7,017,800
1904.....		1,921,768	3,106,696	1923.....	5,872,870	3,788,672	8,029,482
1905.....	3,192,123			1924.....	5,768,082	3,723,266	
1906.....	3,601,176			1925.....	6,093,821	3,962,217	9,182,204
1907.....	3,962,660	2,118,947		1926.....	6,766,007	4,394,766	
1908.....	3,346,953			1927.....	6,750,935	4,313,403	10,002,070
1909.....	4,001,607	2,495,523	4,216,708	1928.....	7,160,100	4,510,800	10,403,338
1910.....	4,094,306	2,533,976		1929.....	7,645,011	4,862,885	11,140,235
1911.....	4,328,052	2,686,134		1930.....	7,195,524	4,630,308	10,169,140
1914.....	4,470,763	2,893,150	5,270,047	1931.....	6,722,766	4,409,344	9,381,840
1916.....	5,228,568	3,435,001		1932.....	5,633,123	3,760,267	7,997,872
1917.....	5,480,075	3,509,939	5,919,647	1933.....	6,581,674	4,276,204	9,190,017
1918.....	5,250,794	3,313,861	6,051,523	1934.....	6,796,659	4,436,128	9,186,598
1919.....	5,477,832	3,517,952	6,190,361	1935.....	7,628,274	4,925,669	10,479,095
1920.....	6,114,072	3,821,704	7,334,614	1936.....	8,715,916	5,695,219	11,975,552
1921.....	4,557,179	2,875,601	5,356,317	1937 ¹	10,393,800	6,617,184	12,837,003

¹ Preliminary.

Forest Service. Compiled from bulletins of the Bureau of the Census, the Forest Service, and the Federal Trade Commission.

TABLE 682.—*Pulpwood consumption and wood-pulp and paper production, by States, 1932 and 1935-37*

State	Pulpwood consumption				Wood-pulp production				Paper production			
	1932	1935	1936	1937 ¹	1932	1935	1936	1937	1932	1935	1936	1937
	1,000 cords	1,000 cords	1,000 cords	1,000 cords	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
California.....				(1)				(1)	139	222	266	279
Illinois.....				(1)				(1)	393	458	551	594
Louisiana.....	449	664	723	779	289	421	474	506	324	449	513	534
Maine.....	949	1,084	1,177	1,268	765	848	934	1,003	830	908	982	1,039
Massachusetts.....	20	(1)	(1)	(1)	14	(1)	(1)	(1)	328	428	494	514
Michigan.....	216	275	308	305	153	170	198	197	734	1,046	1,218	1,218
Minnesota.....	211	267	323	335	134	175	219	226	208	237	265	293
New Hampshire.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	117	150	153	159
New Jersey.....									418	579	637	640
New York.....	438	524	575	639	354	404	453	503	912	1,129	1,327	1,415
Ohio.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	612	837	947	1,038
Oregon.....	265	369	424	512	187	262	303	339	183	242	262	274
Pennsylvania.....	238	264	304	355	130	152	173	209	545	695	795	847
Tennessee.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	82	90	101	105
Vermont.....	(1)	12	14	16	(1)	13	15	18	60	66	77	82
Virginia.....	338	452	530	587	208	269	334	373	253	355	407	461
Washington.....	688	1,324	1,509	2,170	421	776	896	1,184	343	466	507	546
Wisconsin.....	797	912	1,035	1,083	476	847	605	638	633	792	893	941
All other States.....	1,024	1,481	1,794	2,345	629	889	1,001	1,377	884	1,301	1,581	1,858
Total.....	5,633	7,628	8,716	10,394	3,760	4,926	5,695	6,573	7,998	10,479	11,976	12,837

¹ Included in "All other States."

Bureau of the Census, with cooperation of the Forest Service.

TABLE 683.—*Pulpwood consumption, by kind, 1909, 1919, 1929, and 1934-37*

Kind of wood	1909	1919	1929	1934	1935	1936	1937 ¹
Spruce:	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>	<i>Cords</i>
Domestic.....	1,653,249	2,313,419	2,074,267	1,535,299	1,755,112	1,756,977	2,010,720
Imported.....	788,332	873,795	1,029,913	638,127	625,462	735,305	826,528
Hemlock:							
Domestic.....	559,657	795,154	1,309,170	1,428,116	1,521,271	1,742,268	2,264,565
Imported.....			15,379				37,447
Pine:							
Southern yellow.....	(1)	234,463	1,030,272	1,459,171	1,785,228	2,150,640	2,658,949
Jack.....	(1)	51,681	205,760	218,116	224,538	280,538	300,786
Miscellaneous.....	90,885	7,566					
Poplar:							
Domestic.....	302,876	180,160	329,466	241,001	333,773	464,138	441,401
Imported.....	25,622	158,220	157,829	92,271	54,283	44,724	90,365
Balsam fir:							
Domestic.....	95,366	181,840	317,552	290,385	298,812	365,189	320,715
Imported.....		106,974	45,412	86,647	54,313	81,383	71,447
Yellow poplar:		72,605	129,697	73,492	(1)	91,818	47,882
White fir.....	37,176	31,139	111,054	98,166	174,075	119,221	136,384
Beech, birch, and maple.....	31,390	183,426	76,950	83,996	152,054	118,461	257,410
Gum.....		30,355	39,685	(1)	29,299	37,632	25,967
Tamarack (larch).....		44,042	51,835	12,267	9,587	10,005	8,945
Other woods.....	188,077	38,013	153,485	303,161	317,675	378,782	329,898
Slabs and mill waste.....	248,977	175,081	561,286	236,444	292,792	329,535	665,391
Total.....	4,001,607	5,477,832	7,645,011	6,796,659	7,628,274	8,715,916	10,393,800

¹ Preliminary.² Includes a small quantity of imported wood.³ Included in "Miscellaneous pines."⁴ Included in "Other woods."⁵ Includes chestnut.

Bureau of the Census, with cooperation of the Forest Service.

TABLE 684.—*Paper: Consumption by kinds, and apparent per capita consumption in specified years*¹

Year	News-print	Book	Boards	Wrap-ping	Fine	All other	All kinds	Apparent per capita
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds
1899.....	569	314	394	535	113	233	2,188	57
1904.....	883	495	521	644	142	365	3,050	74
1909.....	1,159	689	883	763	193	537	4,224	93
1914.....	1,576	926	1,292	892	244	866	5,496	112
1917.....	1,824	846	1,805	814	276	691	6,256	122
1918.....	1,760	800	1,927	859	348	693	6,387	123
1919.....	1,692	838	1,940	825	306	692	6,493	124
1920.....	2,196	1,060	2,301	1,003	371	930	7,561	148
1921.....	2,002	707	1,641	770	230	704	6,054	112
1922.....	2,451	968	2,154	1,059	356	1,015	8,003	146
1923.....	2,814	1,235	2,802	1,117	374	938	9,340	167
1925.....	3,073	1,365	3,290	1,287	472	1,013	10,590	184
1926.....	3,517	1,408	3,637	1,435	495	1,315	11,807	203
1927.....	3,492	1,265	3,737	1,515	502	1,404	11,915	202
1928.....	3,561	1,321	4,009	1,457	538	1,562	12,448	208
1929.....	3,813	1,471	4,398	1,586	593	1,490	13,351	220
1930.....	3,496	1,370	4,014	1,556	564	1,261	12,251	199
1931.....	3,261	1,195	3,795	1,383	480	1,116	10,230	181
1932.....	2,831	935	3,297	1,233	418	885	9,599	154
1933.....	2,711	1,069	4,055	1,425	472	1,130	10,862	173
1934.....	3,176	1,046	4,033	1,329	409	1,166	11,159	176
1935.....	3,394	1,273	4,652	1,616	495	1,249	12,589	197
1936.....	3,671	1,434	5,416	1,874	596	1,513	14,496	226
1937 ²	4,261	1,555	6,749	2,034	560	1,709	15,568	246

¹ Imports added to United States production and domestic exports deducted.² Data for 1924 not available.³ Preliminary.

Forest Service; a computed table based on bulletins of the Bureau of the Census and the Forest Service.

TABLE 685.—*Stock grazed on the National forests, and receipts, 1925-38*¹

Calendar year	Cattle	Horses	Hogs	Sheep	Goats	Receipts from grazing, fiscal year ²
	Number	Number	Number	Number	Number	Dollars
1925.....	1,538,942	57,904	846	6,162,263	19,795	1,725,377
1926.....	1,456,858	57,396	1,085	6,212,657	15,666	1,421,589
1927.....	1,403,192	55,629	1,002	6,376,838	18,046	1,330,952
1928.....	1,335,903	51,956	1,206	6,497,081	17,070	1,713,730
1929.....	1,322,465	48,171	853	6,650,719	15,487	1,740,290
1930.....	1,315,882	41,961	540	6,700,846	13,496	1,942,914
1931.....	1,338,373	37,335	431	6,593,583	14,645	1,960,642
1932.....	1,361,160	35,105	528	6,308,500	12,438	829,960
1933.....	1,366,538	31,797	533	6,150,921	11,045	1,498,209
1934.....	1,389,387	29,549	314	6,152,244	9,124	1,358,688
1935.....	1,315,233	29,085	292	5,681,938	9,148	1,151,150
1936.....	1,282,540	28,268	189	5,636,937	8,113	1,441,493
1937.....	1,254,425	29,469	241	5,477,351	7,603	1,580,345
1938.....						1,606,457

¹ Data for earlier years in 1935 Yearbook, table 509.² Fiscal years end June 30 of year indicated; thus, the \$1,725,377 received in the fiscal year 1925 was for 12 months ended June 1925.

Forest Service.

TABLE 686.—Number of stock grazed in National forests, by States, calendar year 1937, and total grazing receipts, fiscal year ended June 30, 1938

State	Cattle	Horses	Hogs	Sheep	Goats	Receipts from grazing ¹
	Number	Number	Number	Number	Number	Dollars
Arizona.....	184, 379	1, 022	42	242, 182	600	175, 816
Arkansas.....	69					131
California.....	131, 041	3, 606	95	328, 727	219	143, 382
Colorado.....	256, 211	1, 674		888, 742	100	316, 154
Florida.....	472		11			474
Georgia.....	273					60
Idaho.....	121, 669	4, 601		1, 201, 493	42	218, 714
Louisiana.....	789	7				387
Maine.....	12					9
Mississippi.....						1
Missouri.....						69
Montana.....	88, 219	5, 759		465, 864	4	114, 016
Nebraska.....	12, 489	251				12, 247
Nevada.....	52, 724	1, 569		265, 823		80, 930
New Hampshire.....	59	9				126
New Mexico.....	86, 776	1, 841		164, 709	6, 638	104, 715
North Carolina.....	338	1	93	34		85
Oklahoma.....						16
Oregon.....	77, 919	1, 117		525, 514		137, 117
Pennsylvania.....	51					6
South Carolina.....						136
South Dakota.....	22, 443	1, 259		19, 729		16, 070
Tennessee.....	165					72
Utah.....	102, 306	2, 840		665, 413		187, 669
Vermont.....	80	2				127
Virginia.....	410	2		1, 639		403
Washington.....	13, 992	338		113, 970		36, 780
West Virginia.....	1, 000	11		3, 896		1, 674
Wyoming.....	100, 548	3, 590		589, 616		150, 071
Total.....	1, 254, 425	29, 499	241	5, 477, 351	7, 603	1, 696, 457

¹ Includes grazing trespass.
Forest Service.

TABLE 687.—Fires on National forests, 1924-37

Year	Fires	Area burned ¹	Damage		Cost of fighting fire ²
			Timber destroyed	Value, all items ³	
	Number	Thousand acres	Ac ft. b. m.	Dollars	Dollars
1924.....	8, 247	826	677, 725	1, 892, 605	1, 715, 706
1925.....	8, 263	349	342, 554	968, 892	947, 773
1926.....	7, 095	956	1, 329, 573	5, 716, 660	2, 298, 358
1927.....	5, 693	224	84, 396	375, 338	710, 212
1928.....	6, 921	499	234, 460	1, 395, 018	1, 309, 872
1929.....	7, 449	978	1, 427, 551	5, 831, 838	3, 400, 403
1930.....	5, 388	296	65, 951	493, 229	1, 303, 099
1931.....	8, 466	640	989, 631	4, 400, 309	4, 271, 294
1932.....	7, 037	422	57, 805	685, 943	1, 107, 931
1933.....	6, 315	160	46, 397	387, 081	* 1, 009, 611
1934.....	10, 871	646	413, 064	2, 149, 600	* 3, 329, 869
1935.....	10, 689	242	87, 752	567, 560	* 1, 446, 841
1936.....	16, 827	437	247, 875	1, 857, 256	* 2, 862, 014
1937.....	11, 665	103	19, 392	217, 315	* 1, 227, 124

¹ Government and private land inside National-forest boundaries.

² Includes the reported value of timber destroyed, forage, and buildings.

³ Includes the cost of emergency patrol, tools, and supplies.

⁴ Includes \$593,946 from E. C. W. funds.

⁵ Includes \$1,045,679 from E. C. W. funds.

⁶ Includes \$549,923 from E. C. W. and E. R. A. funds.

⁷ Includes \$1,064,199 from E. C. W. and E. R. A. funds.

⁸ Includes \$382,906 from C. C. C. and E. R. A. funds.

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TABLE 688.—Free-use timber, cut from National forests, by States, fiscal years 1934-38¹

State	1934		1935		1936		1937		1938	
	Quantity	Estimated users	Quantity	Estimated users	Quantity	Estimated users	Quantity	Estimated users	Quantity	Estimated users
	<i>M ft.</i> <i>b. m.</i>	<i>Number</i>	<i>M ft.</i> <i>b. m.</i>	<i>Number</i>	<i>M ft.</i> <i>b. m.</i>	<i>Number</i>	<i>M ft.</i> <i>b. m.</i>	<i>Number</i>	<i>M ft.</i> <i>b. m.</i>	<i>Number</i>
Alabama.....	180	120	146	155			910	136	1,720	786
Alaska.....	2,945	675	748	194	1,269	1,931	1,236	441	1,626	579
Arizona.....	14,568	8,667	15,395	11,315	13,593	13,485	7,902	10,137	8,117	5,296
Arkansas.....	1,227	486	3,563	1,201	2,380	894	3,039	1,362	2,978	1,415
California.....	15,086	14,601	9,539	5,638	14,352	12,724	13,938	10,520	11,419	6,553
Colorado.....	14,166	5,795	14,435	6,012	11,698	4,838	9,462	3,392	10,518	3,707
Florida.....	121	124	1,240	155	1,520		964	874	1,112	844
Georgia.....							954	341	1,174	499
Idaho.....	51,300	16,654	63,782	12,000	53,226	13,309	50,195	13,917	60,244	16,362
Illinois.....			120	17	142	48	149	53	170	57
Indiana.....									4	2
Kentucky.....			52	15	600	127	596	524	2,119	1,245
Louisiana.....	500	500	500	500	1,624	648	642	629	1,073	965
Michigan.....	2,750	1,522	10,265	557	28,299	2,740	18,771	1,969	10,943	1,163
Minnesota.....	3,264	295	15,745	726	4,417	1,212	17,381	2,956	10,576	880
Mississippi.....			1,164	989		2,340	1,312	5,786	2,637	3,425
Missouri.....					1,091	350	11,054	998	3,196	247
Montana.....	31,109	15,275	38,160	15,831	38,149	16,733	39,897	15,552	36,149	12,614
Nebraska.....	86	13	36	14						
Nevada.....	1,846	799	2,359	768	2,353	1,002	1,724	723	1,885	758
New Hampshire.....									980	39
New Mexico.....	23,485	17,802	26,725	19,899	22,263	13,041	25,332	12,653	25,452	13,052
North Carolina.....	3,114	1,395	3,920	1,543	4,199	2,172	2,497	1,195	2,744	1,562
Ohio.....							5	2	28	18
Oklahoma.....									262	104
Oregon.....	24,284	3,268	23,329	6,257	22,248	3,470	20,704	3,861	24,625	3,385
Pennsylvania.....	2,780	1,832	347	261	847	301	716	286	804	299
Puerto Rico.....							12	3	68	50
South Carolina.....			586	25	186	110	1,329	685	1,917	1,155
South Dakota.....	8,191	3,453	11,045	1,994	6,747	1,889	7,162	1,913	6,269	1,637
Tennessee.....	3,533	1,369	4,798	2,311	3,815	1,884	5,625	1,867	4,088	1,681
Texas.....					1,558	606	7,821	1,952	7,070	3,208
Utah.....	23,075	13,512	21,451	13,413	16,669	11,098	14,281	12,940	17,554	12,085
Vermont.....					500	3	366	40	95	40
Virginia.....	221	133	2,861	809	6,213	1,408	4,572	2,257	3,045	2,063
Washington.....	7,121	1,495	7,632	1,628	8,162	1,829	9,651	2,003	6,842	1,595
West Virginia.....	20	60	866	352	981	591	969	600	2,532	878
Wisconsin.....	95	31	25,439	226	11,767	485	25,098	734	17,653	674
Wyoming.....	12,566	3,945	10,515	3,604	9,928	2,121	7,196	2,148	6,513	1,978
Total.....	248,243	113,821	316,769	108,408	293,126	112,323	317,696	112,209	301,375	103,180

¹ Fiscal year ended June 30 of year indicated.

Forest Service.

TABLE 689.—*Civilian Conservation Corps: Total work under the technical supervision of the Department of Agriculture completed during the period April 1933 to June 30, 1938*

Type of job or project classification	New work	Maintenance
Structural improvements:		
Bridges:		
Foot and horse.....number.....	3,995.0	529.0
Vehicle.....do.....	32,123.0	6,766.0
Buildings, other than C. C. C. camp:		
Barns.....do.....	740.0	359.0
Bathhouses.....do.....	127.0	69.0
Cabins, overnight.....do.....	218.0	125.0
Combination buildings.....do.....	41.0	30.0
Dwellings.....do.....	2,043.0	2,517.0
Equipment and supplies storage houses.....do.....	1,399.0	932.0
Garage.....do.....	945.0	460.0
Latrines and toilets.....do.....	5,579.0	2,491.0
Lodges and museums.....do.....	18.0	16.0
Lookout houses.....do.....	786.0	551.0
Lookout towers.....do.....	2,290.0	1,146.0
Shelters.....do.....	728.0	288.0
Other buildings.....do.....	13,551.0	4,295.0
Cribbing, including filling.....cubic yards.....	907,045.0	2,990.0
Impounding and large diversion dams.....number.....	2,296.0	788.0
Fences.....rods.....	9,264,430.2	1,798,031.0
Guard rails.....do.....	42,856.3	1,170.0
Levees, dikes, jetties, and groins.....cubic yards.....	7,455,529.0	2,617,634.0
Dikes, water-spreading.....linear feet.....	9,667.0	
Power lines.....miles.....	160.9	180.9
Incinerators.....number.....	195.0	57.0
Sewage and waste-disposal systems.....do.....	1,058.0	397.0
Telephone lines.....miles.....	55,809.9	143,979.9
Water-supply systems:		
Fountains, drinking.....number.....	352.0	38.0
Open ditches.....linear feet.....	229,629.0	182,403.0
Pipe or tile lines.....do.....	3,239,077.0	519,965.0
Storage facilities.....1,000 gal.....	177,305.0	574.2
Wells, including pumps and pumphouses.....number.....	3,968.0	482.0
Miscellaneous.....do.....	473.0	241.0
Others:		
Camp stoves or fireplaces.....do.....	9,422.0	2,579.0
Cattle guards.....do.....	1,701.0	288.0
Corrals.....do.....	460.0	67.0
Seats.....do.....	4,872.0	44.0
Signs, markers, and monuments.....do.....	159,839.0	5,430.0
Stone walls.....rods.....	6,499.0	82.0
Table and bench combination.....number.....	16,206.0	6,476.0
Tool boxes.....do.....	16,845.0	494.0
Miscellaneous.....do.....	261,972.0	11,350.0
Radio stations.....do.....	48.0	4.0
Springs.....do.....	2,313.0	339.0
Water holes.....do.....	2,697.0	2,011.0
Small reservoirs.....do.....	3,683.0	745.0
Landing docks and piers.....do.....	7.0	
Transportation improvements:		
Airplane landing fields.....do.....	24.0	30.0
Truck trails or minor roads.....miles.....	78,191.7	304,209.1
Trails:		
Foot.....do.....	7,052.7	23,765.1
Horse or stock.....do.....	6,266.8	39,800.6
Erosion-control:		
Stream and lake bank protection.....square yards.....	144,318,904.0	12,029,500.0
Treatment of gullies:		
Area treated.....acres.....	3,066,440.2	147,074.0
Bank sloping.....square yards.....	202,272,002.0	812,954.0
Check dams, permanent.....number.....	231,879.0	29,625.0
Check dams, temporary.....do.....	3,742,759.0	127,607.0
Seeding and sodding.....square yards.....	745,808,081.0	11,396,273.0
Tree planting, gully.....do.....	349,273,838.0	91,001,640.0
Ditches, diversion.....linear feet.....	49,573,181.0	4,237,468.0
Terracing.....miles.....	13,809.8	3,864.0
Terrace outletting:		
Channel construction.....linear feet.....	23,396,596.0	988,840.0
Outlet structures.....number.....	308,603.0	21,425.0
Planting, seeding, or sodding.....square yards.....	70,882,705.0	13,607,108.0
Planting for bank protection.....linear feet.....	6,431,338.0	22,016.0
Sheet-erosion banking.....acres.....	507,364.4	24,664.4
Limestone:		
Quarrying for liming soil.....tons.....	1,446,209.0	625.0
Crushing for liming soil.....do.....	768,870.0	
Hauling for liming soil.....do.....	567,826.0	
Miscellaneous erosion-control work.....man-days.....	728,651.0	10,637.0
Contour furrows and ridges.....miles.....	41,404.4	10,454.2
Preparation for strip cropping.....acres.....	106,706.4	891.8
Road-erosion demonstration.....miles.....	200.7	13.8

See footnotes at end of table.

TABLE 689.—*Civilian Conservation Corps: Total work under the technical supervision of the Department of Agriculture completed during the period April 1933 to June 30, 1938—Continued*

Type of job or project classification	New work	Maintenance
Erosion-control—Continued.		
Wind-erosion area treated.....acres..	6,190.1	343.6
Water spreaders (rock, brush, wire).....linear feet..	2,792,585.0	176,218.0
Water spreaders (terrace type).....do.....	2,023,434.0	499,367.0
Flood-control, irrigation, and drainage:		
Clearing and cleaning:		
Channels and levees.....square yards..	19,894,240.0	244,742,992.0
Reservoir, pond, and lake sites.....acres..	111,518.6	182.8
Channel.....linear yards..	162,952.0	2,000.0
Lining of waterways.....square yards..	104,650.0	4,436.0
Excavations, channels, canals, and ditches:		
Earth.....cubic yards..	4,352,113.0	42,627,465.0
Rock.....do.....	224,966.0	25,330.0
Pipe lines, tile lines, and conduits.....linear feet..	899,675.0	1,128,329.0
Riprap or paving:		
Rock or concrete.....square yards..	689,670.0	30,092.0
Brush or willows.....do.....	698,120.0	69,440.0
Water-control structures other than dams.....number..	6,026.0	2,644.0
Concrete core walls other than dams.....cubic yards..	1,136.0	11.0
Leveling of spoil banks.....do.....	11,490.0	3,568,649.0
Forest culture:		
Field planting or seeding (trees).....acres..	1,310,941.2	78,328.9
Forest-stand improvement.....do.....	3,607,051.2	13,264.5
Nurseries.....man-days..	2,811,712.0	300,558.0
Tree-seed collection:		
Conifers (cones).....bushels..	490,024.0	-----
Hardwoods.....pounds..	9,637,604.0	-----
Collection of tree seedlings.....number..	5,733,841.0	-----
Forest protection:		
Fighting forest fires.....man-days..	3,566,989.0	-----
Firebreaks.....miles..	62,865.0	41,165.8
Fire-hazard reduction:		
Roadside and trailside.....do.....	54,143.8	1,144.6
Other.....acres..	1,489,568.1	5,269.4
Fire suppression.....man-days..	2,825,810.0	3,832.0
Fire prevention.....do.....	473,341.0	64.0
Tree and plant disease control.....acres..	6,599,536.0	714,712.0
Tree-insect pest control.....do.....	9,264,110.0	114,932.5
Landscape and recreation:		
Beach improvement.....do.....	738.5	106.0
General clean-up.....do.....	151,667.6	21,198.2
Landscaping, undifferentiated.....do.....	1,186,902.8	1,886.3
Moving and planting trees and shrubs.....number..	15,738,403.0	1,829,464.0
Parking areas and parking overlooks.....square yards..	1,526,482.0	213,872.0
Public campground development.....acres..	24,486.5	13,615.6
Other public campground facilities.....number..	33,372.0	5,187.0
Public picnic-ground development.....acres..	2,014.9	1,556.9
Razing undesired structures and obliterations.....man-days..	330,681.0	355.0
Seed collection, other than tree.....pounds..	1,359,708.0	-----
Seeding or sodding.....acres..	17,060.6	995.1
Soil preparation (topsoiling, fertilizing, and fitting, etc.).....do.....	60,733.6	633.7
Vista or other selective cutting.....do.....	14,359.5	73.0
Walks, concrete, gravel, cinder, etc.....linear feet..	342,799.0	65,191.0
Range:		
Elimination of predatory animals.....number..	1,895.0	-----
Range revegetation.....acres..	175,617.8	5,433.3
Stock driveways.....miles..	619.1	354.8
Pasture sodding.....acres..	60,410.3	6,710.8
Pasture and range terracing.....do.....	2,013.1	463.3
Wildlife:		
Fish-rearing ponds.....number..	3,830.0	621.0
Food and cover planting and seeding.....acres..	49,037.6	3,136.8
Lake and pond development.....man-days..	422,280.0	3,012.0
Stocking fish.....number..	627,071,755.0	20,000.0
Stream development (wildlife).....miles..	5,447.9	309.9
Other wildlife activities.....man-days..	602,361.0	6,152.0
Wildlife feeding.....do.....	68,111.0	37.0
Wildlife shelters.....number..	2,422.0	466.0
Other activities:		
Education, guide, contact-station work.....man-days..	96,141.0	-----
Emergency work.....do.....	649,364.0	552.0
Eradication of poisonous, weed, or exotic plants.....acres..	218,369.2	841.0
Experimental plots.....number..	48,633.0	8,814.0
Insect-pest control.....acres..	2,387,766.3	617.6
Maps and models.....man-days..	262,911.0	946.0
Model and relief maps.....square feet..	32,390.0	-----
Marking boundaries.....miles..	17,943.4	1,720.5
Mosquito control.....acres..	196,697.2	92,433.0
Mosquito control, ditching.....linear yards..	2,096,349.0	1,206,141.0
Mosquito control, staking.....do.....	1,461,670.0	-----

See footnotes at end of table.

TABLE 689.—*Civilian Conservation Corps: Total work under the technical supervision of the Department of Agriculture completed during the period April 1933 to June 30, 1938—Continued*

Type of job or project classification	New work	Maintenance
Other activities—Continued.		
Preparation and transportation of materials.....man-days.....	2,476,344.0	9,313.0
Reconnaissance and investigation:		
Archaeological.....do.....	2,163.0	
Other.....do.....	110,421.0	3,918.0
Restoration of historic structures.....number.....	15.0	4.0
Rodent and predatory-animal control.....acres.....	8,608,396.8	88,125.8
Surveys.....man-days.....	1,045,082.0	59,779.0
Timber estimating.....acres.....	26,306,467.2	65,140.9
Tree preservation.....man-days.....	4,959.0	294.0
Equipment, repair or construction.....do.....	255,496.0	
Hydraulic research.....do.....	36,640.0	3,934.0
Warehousing.....do.....	77,495.0	2,244.0

¹ No longer reported under this heading, or work discontinued on this type of project.

Office of chief statistician, Civilian Conservation Corps.

NOTE.—The Department of Agriculture was in charge of the technical direction of 1,171 of the total number of 1,625 C. C. C. camps during the fiscal year 1938.

TABLE 690.—*Civilian Conservation Corps: Forest-fire prevention work completed during fiscal year 1938*

State or Territory	Fire-breaks	Reduction of fire hazards	Roadside and trail-side clearing	Look-out houses	Look-out towers	Fighting forest fires	Fire suppression	Fire prevention
	Miles	Acres	Miles	Number	Number	Man-days	Man-days	Man-days
Alabama.....	34.2		112.4	3.0	14.0	12,093.0	13,555.0	546.0
Arizona.....	11.3	1,270.0	41.6	4.0	5.0	4,629.0	6,371.0	2,336.0
Arkansas.....	115.5	3,299.5	75.7	5.0	5.0	8,592.0	41,350.0	1,628.0
California.....	81.9	3,352.6	583.8	3.0	6.0	65,130.0	115,266.0	4,208.0
Colorado.....			23.5			753.0	1,242.0	439.0
Connecticut.....		21.0	465.1		1.0	580.0	2,122.0	
Delaware.....	1.0	300.9	7.7			155.0	73.0	501.0
District of Columbia.....		35.0					879.0	
Florida.....	960.3	11,082.6	92.4	1.0	13.0	6,026.0	6,565.0	1,079.0
Georgia.....	156.1	216.5	28.6		10.0	5,121.0	2,851.0	31.0
Idaho.....	23.6	4,412.0	157.5	3.0		15,296.0	10,223.0	563.0
Illinois.....	16.5	163.0	15.0		11.0	1,296.0	21,115.0	187.0
Indiana.....	14.5	812.5	53.3		2.0	484.0	3,371.0	914.0
Iowa.....		124.0				74.0	42.0	
Kansas.....	2.0						24.0	
Kentucky.....		836.0	32.5	5.0	10.0	4,966.0	15,463.0	3,171.0
Louisiana.....	319.7	3,950.0	127.1	1.0	15.0	7,919.0	12,337.0	3,680.0
Maine.....		1,132.0	18.9			6,476.0	1,478.0	
Maryland.....	43.9	2,235.4	79.3		2.0	3,626.0	4,782.0	353.0
Massachusetts.....	25.5	2,902.9	37.4			1,677.0	3,019.0	
Michigan.....	16.5	4,710.7	240.5	1.0	14.0	8,607.0	21,460.0	2,059.0
Minnesota.....	30.2	4,157.4	428.9	1.0	11.0	10,734.0	17,814.0	2,423.0
Mississippi.....	82.4	17.0	13.6	4.0	7.0	10,030.0	21,426.0	10,307.0
Missouri.....	29.9	77.2	149.7	2.0	16.0	10,305.0	33,841.0	1,869.0
Montana.....	30.0	1,018.0	114.7	4.0	10.0	15,578.0	11,379.0	61.0
Nebraska.....	120.0	60,045.0	3.0		2.0		1,385.0	39.0
Nevada.....						1,121.0	162.0	
New Hampshire.....	3.3	104.0	24.4			465.0	4,080.0	315.0
New Jersey.....	140.6	3,071.0	140.5		2.0	548.0	12,908.0	200.0
New Mexico.....		303.0	15.8			4,537.0	294.0	290.0
New York.....	136.5	7,921.2	35.3			2,121.0	3,368.0	384.0
North Carolina.....	43.0	7,686.5	190.7	5.0	6.0	9,773.0	13,487.0	790.0
North Dakota.....	166.0				3.0	60.0	426.0	
Ohio.....		4,186.4	15.5		1.0	2,109.0	3,697.0	132.0
Oklahoma.....	62.1	59.0	63.0		2.0	2,152.0	6,186.0	97.0
Oregon.....	69.7	2,588.4	130.9	1.0	6.0	32,277.0	26,992.0	1,478.0
Pennsylvania.....	18.2	2,433.7	32.2	1.0	1.0	4,977.0	6,156.0	1,092.0
Rhode Island.....		559.0	37.3			1,061.0	347.0	
South Carolina.....	15.5	605.0	8.3	2.0	9.0	8,248.0	4,293.0	4,106.0
South Dakota.....	63.5	10,024.6	215.3		2.0	2,013.0	4,001.0	179.0
Tennessee.....	5.0	1,076.0	7.3		2.0	4,729.0	12,887.0	462.0
Texas.....	172.4	757.0	58.5		4.0	16,012.0	27,087.0	904.0
Utah.....					1.0	2,464.0	452.0	813.0
Vermont.....	27.7	804.5	6.9			370.0	1,604.0	20.0
Virginia.....	12.9	2,203.1	240.4		5.0	6,947.0	14,731.0	1,231.0
Washington.....	37.4	16,841.4	236.5	1.0	18.0	37,023.0	27,235.0	4,692.0
West Virginia.....	39.2	58.5	31.7	1.0	3.0	7,540.0	5,308.0	8,891.0
Wisconsin.....	43.0	3,559.1	466.8	3.0	13.0	15,991.0	34,626.0	629.0
Wyoming.....		82.1	6	2.0	1.0	9,239.0	5,287.0	585.0
Alaska.....		.9	12.6			44.0		15.0

TABLE 690.—*Civilian Conservation Corps: Forest-fire prevention work completed during fiscal year 1938—Continued*

State or Territory	Fire-breaks	Reduction of fire hazards	Roadside and trail-side clearing	Look-out houses	Look-out towers	Fighting forest fires	Fire suppression	Fire prevention
	Miles	Acres	Miles	Number	Number	Man-days	Man-days	Man-days
Hawaii.....	.....	100.0	.....	.....	.....	.....	.....	.....
Puerto Rico.....	.....	.....	.....	.....	2.0	.....	.....	.....
Virgin Islands.....	.....	80.0	.....	.....	.....	.....	.....	.....
Total.....	3,151.2	170,824.6	5,163.0	62.0	241.0	372,569.0	585,046.0	60,224.0

Office of chief statistician, Civilian Conservation Corps.

NOTE.—The Department of Agriculture was in charge of the technical direction of the work of 1,171 of the total number of 1,625 C. C. C. camps during the fiscal year 1938. During this period there was an average of 710 camps under the technical direction of the Forest Service.

TABLE 691.—*Civilian Conservation Corps: Erosion-control work completed during fiscal year 1938*

State or Territory	Cooperative agreements	Under contract agreement	Stream and lake-bank protection	Erosion-control check dams	Gully tree planting	Diversion ditches	Planting, seeding, or sodding for terrace outletting	Preparation for strip cropping
	Number	Acres	Square yards	Number	Square yards	Linear feet	Square yards	Acres
Alabama.....	1,620	299,369	.....	169,277.0	4,063,345.0	7,738.0	1,312,824.0	644.5
Arizona.....	18	610,103	17,461.0	3,372.0	293,169.0	18,068.0	52.0	.....
Arkansas.....	1,783	289,265	3,764.0	2,508.0	822,249.0	28,638.0	325,001.0	4,447.0
California.....	468	51,462	17,530.0	928.0	620,584.0	78,915.0	75,776.0	75.3
Colorado.....	347	292,408	50.0	3,930.0	748,454.0	262,785.0	1,698.0	3,467.0
Connecticut.....	.....	.....	511.0	.....	.....	.....	.....	.....
District of Columbia.....	.....	.....	.....	.....	.....	70.0	.....	.....
Florida.....	.....	.....	84,925.0	.....	.....	2,225.0	153,046.0	.....
Georgia.....	601	118,031	.....	53,483.0	174,219.0	92,053.0	480,003.0	183.5
Idaho.....	477	121,633	12,568.0	1,987.0	100,420.0	5,077.0	.....	3.0
Illinois.....	1,506	239,501	103,218.0	9,141.0	3,125,945.0	43,984.0	448,416.0	2,209.5
Indiana.....	791	119,510	919.0	37,053.0	2,498,292.0	6,489.0	82,143.0	259.0
Iowa.....	1,512	224,035	2,140.0	3,318.0	2,824,956.0	82,166.0	119,495.0	1,770.9
Kansas.....	501	125,527	906.0	755.0	775,475.0	150,594.0	580,463.0	177.0
Kentucky.....	1,046	180,079	1,921.0	10,968.0	2,445,014.0	4,640.0	163,023.0	2,651.0
Louisiana.....	1,193	253,281	.....	51.0	7,633.0	22,322.0	603,027.0	1,519.0
Maryland.....	169	23,911	15,923.0	614.0	49,375.0	60,150.0	50,304.0	1,262.5
Michigan.....	.....	.....	4,050.0	72.0	5,808.0	.....	120.0	.....
Minnesota.....	535	88,002	92,209.0	2,312.0	363,685.0	31,510.0	16,061.0	4,055.0
Mississippi.....	888	103,063	4,000.0	30,181.0	2,537,628.0	2,022,510.0	767,638.0	941.5
Missouri.....	1,441	226,727	940.0	5,372.0	2,835,678.0	93,853.0	514,972.0	41.0
Montana.....	12	6,664	3,015.0	.....	.....	.....	.....	.....
Nebraska.....	785	139,655	1,500.0	2,777.0	4,513,682.0	171,004.0	247,857.0	1,905.0
Nevada.....	.....	.....	288.0	6,407.0	14,768.0	450.0	.....	.....
New Hampshire.....	.....	.....	83.0	.....	.....	.....	.....	.....
New Jersey.....	463	48,422	7,185.0	140.0	1,200.0	26,683.0	71,792.0	218.0
New Mexico.....	152	1,535,386	264,060.0	132,290.0	2,960,219.0	62,440.0	2,513,689.0	.....
New York.....	924	134,418	31,807.0	546.0	28,380.0	309,482.0	197,687.0	1,694.4
North Carolina.....	2,835	350,819	119,012.0	21,081.0	1,027,571.0	168,768.0	3,260,466.0	10.0
North Dakota.....	63	13,065	4,000.0	19.0	.....	.....	6,400.0	428.0
Ohio.....	1,132	178,926	63,212.0	11,147.0	121,666.0	38,933.0	10,009.0	4,976.1
Oklahoma.....	2,568	376,634	7,000.0	5,031.0	1,449,593.0	697,396.0	1,849,925.0	2,184.0
Oregon.....	74	567,894	25,121.0	216.0	.....	250.0	.....	.....
Pennsylvania.....	1,360	147,753	17,303.0	656.0	66,233.0	283,190.0	64,295.0	4,194.9
South Carolina.....	2,412	323,723	.....	22,511.0	1,078,913.0	124,911.0	4,761,168.0	11.0
South Dakota.....	181	48,424	17,000.0	546.0	48,136.0	200.0	15,734.0	1,502.0
Tennessee.....	304	61,462	55,749.0	33,162.0	14,166,219.0	46,535.0	657,391.0	166.0
Texas.....	3,309	992,234	16,482.0	4,473.0	39,919.0	55,948.0	1,371,794.0	5,818.7
Utah.....	81	98,843	77,185.0	2,507.0	1,228,718.0	10,402.0	73,941.0	.....
Vermont.....	.....	.....	9,000.0	.....	.....	6,530.0	.....	.....
Virginia.....	1,565	252,202	12,810.0	27,864.0	1,463,192.0	130,688.0	499,794.0	35.5
Washington.....	401	166,254	47,312.0	1,552.0	161,564.0	53,108.0	.....	.....
West Virginia.....	667	102,097	3,736.0	439.0	145,990.0	144,173.0	.....	150.0
Wisconsin.....	813	139,992	105,784.0	1,763.0	421,113.0	23,196.0	3,084.0	1,194.0
Wyoming.....	.....	.....	.....	58.0	.....	250.0	.....	.....
Alaska.....	.....	.....	.....	402.0	.....	5,325.0	.....	.....
Hawaii.....	.....	.....	.....	.....	.....	1,800.0	.....	.....
Virgin Islands.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	34,927.9	120,374.1	1,251,759.0	610,920.0	53,749,000.0	5,375,173.0	21,305,988.0	47,745.3

Office of chief statistician, Civilian Conservation Corps.

NOTE.—The Department of Agriculture was in charge of the technical direction of the work of 1,171 of the total number of 1,625 C. C. C. camps during the fiscal year 1938. During this period, within the Department of Agriculture, there was an average of 380 camps under the technical direction of the Soil Conservation Service. The great majority of the specific erosion-control work above was performed by these 380 camps under the technical supervision of the Soil Conservation Service.

TABLE 692.—*Gum naval stores: Production, croppage, imports, exports, and prices, 1900-1937*

Season beginning April	Production					Imports		Exports		Average Savannah market prices		Season's market value
	Turpen- time	Rosin	Re- claimed rosin	Total gum rosin	Crops	Turpen- time	Rosin	Turpen- time	Rosin	Turpen- time, per gallon	Rosin, per 250 pounds gross	Per unit
	50-gallon barrels	500-pound barrels, gross	500-pound barrels, gross	500-pound barrels, gross	10,000 faves	50-gallon barrels	500-pound barrels, gross	50-gallon barrels	500-pound barrels, gross	Dollars	Dollars	Dollars
1900	50,000	1,000,000	50,000	1,050,000		2,836		301,955	1,517,545			
1901	50,000	1,000,000	50,000	1,050,000		1,015		327,528	1,535,159			
1902	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1903	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1904	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1905	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1906	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1907	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1908	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1909	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1910	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1911	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1912	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1913	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1914	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1915	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1916	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1917	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1918	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1919	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1920	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1921	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1922	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1923	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1924	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1925	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1926	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1927	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1928	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1929	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1930	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			
1931	50,000	1,000,000	50,000	1,050,000		2,084		327,528	1,254,284			

1932.....	\$ 501,000	\$ 1,670,000	\$ 33,400	1,703,400	9,070	1	207,170	910,214	.38½	2.82½	36.35	18,224
1933.....	\$ 526,000	\$ 1,753,000	\$ 35,060	1,788,060	10,007	3,938	281,170	968,744	.42½	3.90	44.75	23,539
1934.....	\$ 510,000	\$ 1,700,000	\$ 34,000	1,734,000	10,559	2,526	300,034	821,080	.45½	4.55	50.10	25,564
1935.....	\$ 485,000	\$ 1,657,000	\$ 33,157	1,690,157	12,020	2,418	305,856	783,160	.48½	5.53	57.61	27,110
1936.....	\$ 482,380	\$ 1,595,240	\$ 32,697	1,627,937	12,929	2,418	237,875	753,156	.51½	6.49½	57.80	27,700
1937.....	\$ 518,454	\$ 1,709,157	\$ 26,271	1,735,428	14,335	336	233,601	740,373	.31½	7.35	59.80	31,000

¹ Unless otherwise stated, estimated by J. F. Lockwood.

² Cropshare figures by Bureau of Census prior to 1923 cover only places the annual value of products of which exceeded \$500. Since that time \$5,000 value is the limit.

³ Imports and exports for seasons prior to 1926 included wood turpentine and wood rosin.

⁴ Market prices—unweighted for seasons 1908 through 1920; weighted for seasons 1921 through 1937.

⁵ Unit—1 barrel (50 gallons) turpentine and 3¼ barrels (500 pounds gross each) rosin.

⁶ Trade estimate.

⁷ Bureau of the Census.

⁸ Bureau of Chemistry and Soils.

⁹ Bureau of Chemistry and Soils.

¹⁰ Turpentine and Rosin Producers' Association.

Bureau of Chemistry and Soils.

NOTE.—Omissions indicate reliable figures not available.

TABLE 693.—Wood naval stores: Production and exports, 1910-37

Season beginning April	Production						Exports	
	Steam solvent ¹		Destructively distilled	Sulphate	Total wood naval stores		Turpen- tine	Rosin
	Turpen- tine	Rosin	Turpen- tine	Turpen- tine	Turpen- tine	Rosin		
	50-gallon barrels	500-pound barrels, gross	50-gallon barrels	50-gallon barrels	50-gallon barrels	500-pound barrels, gross	50-gallon barrels	500-pound barrels, gross
1910.....	1,700	14,300						
1911.....	3,500	23,200						
1912.....	14,800	98,400						
1913.....	19,532	129,168						
1914.....	6,461	33,963						
1915.....	7,014	38,359						
1916.....	15,627	59,264						
1917.....	28,200	160,342				160,342		
1918.....	19,353	110,182				110,182		
1919.....	20,838	114,957	² 4,575			114,957		
1920.....	15,961	89,334	² 4,825			89,334		
1921.....	8,686	51,897	² 4,925			51,897		
1922.....	33,473	166,146	² 5,150			166,146		
1923.....	43,400	201,700	² 8,045			201,700		
1924.....	³ 57,025	³ 257,531	³ 8,200			257,531		
1925.....	³ 58,663	³ 284,504	³ 8,141			284,504	12,731	
1926.....	³ 70,298	³ 365,480	³ 9,363			365,480	13,682	315,864
1927.....	³ 76,948	³ 409,474	³ 9,716		³ 86,664	409,474	16,062	151,184
1928.....	³ 77,806	³ 431,654	³ 9,025	1,843	88,312	431,654	20,433	157,732
1929.....	³ 85,736	³ 460,787	³ 9,624	2,906	96,266	460,787	15,968	214,223
1930.....	³ 76,366	³ 438,917	³ 6,198	3,969	80,533	438,917	17,829	175,754
1931.....	³ 52,345	³ 319,470	³ 4,768	7,000	64,113	319,470	10,883	148,248
1932.....	³ 59,805	³ 369,930	³ 4,616	³ 8,000	72,421	369,930	17,836	179,080
1933.....	³ 81,238	³ 509,277	³ 6,200	³ 9,000	96,438	509,277	19,031	230,899
1934.....	³ 76,740	³ 495,122	³ 5,767	³ 9,832	92,339	495,122	17,250	236,241
1935.....	³ 88,875	³ 575,304	³ 5,321	³ 11,712	105,908	575,304	19,299	278,997
1936.....	³ 122,388	³ 724,028	³ 6,710	³ 22,635	151,733	724,028	33,478	313,282
1937.....	³ 136,292	³ 803,538	³ 7,085	³ 38,500	181,877	³ 826,538	42,920	294,099

¹ Compiled by steam solvent producers committee from 1910 through 1923; remaining seasons by Bureau of Chemistry and Soils.

² Estimated by J. E. Lockwood.

³ Bureau of the Census.

⁴ Bureau of Chemistry.

⁵ Bureau of Chemistry and Soils. See annual naval-stores reports.

⁶ Includes sulphate wood rosin.

Bureau of Chemistry and Soils.

NOTE: Omissions indicate reliable figures not available.

TABLE 694.—*Turpentine and rosin: Supply and distribution in continental United States, crop years 1933-37*

Commodity and crop year beginning April	Supply					Distribution			
	Production		Im-ports ¹	Stocks Apr. 1	Total supply	Exports ¹	Reported industrial consumption ²	Unaccounted for ³	Stocks Mar. 31
	Gum	Wood							
Turpentine:	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>
1933.....	4 526,000	4 98,761	10,007	136,853	771,621	300,201	67,388	271,767	132,265
1934.....	4 510,000	4 93,063	10,559	132,265	745,917	207,284	69,305	277,969	191,359
1935.....	4 497,000	4 105,908	12,490	191,359	806,757	224,383	87,928	264,310	230,136
1936.....	4 482,787	4 151,733	15,929	230,136	880,585	271,353	103,410	280,458	223,364
1937.....	4 518,454	4 181,877	14,335	223,364	938,030	276,530	107,599	335,127	218,774
Rosin:⁴	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>
1933.....	4 1,788,060	4 509,277	3,936	847,018	3,148,291	1,199,642	841,271	178,724	928,654
1934.....	4 1,734,000	4 406,122	2,626	928,654	3,160,302	1,057,321	884,835	239,216	978,930
1935.....	4 1,701,187	4 575,304	2,236	978,930	3,257,657	1,204,437	1,027,581	259,812	765,807
1936.....	4 1,607,934	4 724,028	2,418	765,807	3,100,187	1,099,438	1,218,708	118,790	663,251
1937.....	4 1,735,428	4 826,538	336	663,251	3,225,553	1,034,472	1,103,647	88,087	999,347

¹ Figures supplied by Bureau of Foreign and Domestic Commerce.² Calendar-year figures, except last line, which is crop year beginning Apr. 1, 1937.³ Principally unreported retail trade in turpentine and unreported industrial consumption of rosin.⁴ Gum, reclaimed gum, and steam-distilled wood turpentine and rosin estimated by J. E. Lockwood.⁵ Rosin production includes reclaimed gum rosin.

Bureau of Chemistry and Soils.

TABLE 695.—*Turpentine and rosin: Industrial consumption, United States, average 1931-35, annual 1936 and 1937*

Industry	Turpentine			Rosin		
	Average 1931-35	1936	Crop year beginning Apr. 1, 1937	Average 1931-35	1936	Crop year beginning Apr. 1, 1937
	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>50-gallon barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>	<i>500-pound barrels</i>
Abattoirs ¹					4,170	1,635
Adhesives and plastics ²	693	628	638	14,138	18,002	17,596
Asphaltic products ³		2	0		1,723	1,060
Automobiles and wagons.....	935	662	544	989	3,541	603
Chemicals and pharmaceuticals.....	4 6,361	4 21,583	31,275	4 26,631	4 118,404	119,246
Ester gum ⁴					101,891	111,812
Foundries and foundry supplies ⁵	274	1,085	759	6,027	16,860	15,227
Furniture ⁶		592	559		31	37
Insecticides and disinfectants ⁷		471	526		4,194	4,060
Linoleum and floor covering.....	36	72	67	20,122	34,776	27,482
Matches.....				2,415	3,966	2,126
Oils and greases.....	422	45	45	27,687	31,471	24,498
Paint, varnish, and lacquer.....	54,715	61,528	55,985	174,036	140,043	136,897
Paper and paper size.....				311,816	410,775	340,200
Printing ink.....	355	212	271	12,340	15,936	12,763
Railroads and shipyards ⁸	1,452	5,102	4,421	132	209	290
Rubber ⁹		168	138		2,926	2,722
Shoe polish and shoe materials ¹⁰	11,402	11,267	10,726	2,206	2,176	2,176
Soap.....	122	181	9	264,336	297,073	272,820
Other industries.....	1,002	1,812	1,636	2,377	4,972	4,397
Total.....	78,269	108,410	107,599	865,232	1,218,708	1,103,647

¹ Included in other industries prior to 1935.² Reported as sealing wax, pitch, insulation, and plastics prior to 1935.³ Includes, for the first time, turpentine and rosin consumed in wood naval stores producers' plants in the production of unclassified derived products.⁴ Included in paint and varnish prior to 1935.⁵ Not previously reported.⁶ Reported as shipyards and car shops prior to 1935.⁷ Figures on shoe materials other than shoe polish not previously reported.

Bureau of Chemistry and Soils.

TABLE 696.—*Hunters' licenses issued by States, with money returns, 1937 and 1938*

State	Licenses issued						Money returns	
	Resident		Nonresident or alien		Total		1937	1938
	1937	1938	1937	1938	1937	1938		
Alabama.....	88,683	97,969	599	707	88,282	98,676	\$140,435.00	\$138,489.50
Alaska.....	1,013	1,013	1,013	1,013	1,013	1,013	13,668.00	13,668.00
Arizona.....	14,284	14,284	14,284	14,284	14,284	14,284	38,098.80	38,098.80
Arkansas.....	35,529	35,529	898	898	36,419	36,419	63,837.80	63,837.80
California.....	218,569	214,655	780	780	219,349	215,435	432,435.00	428,072.00
Colorado.....	108,334	109,330	830	821	109,164	110,151	269,472.50	278,625.00
Connecticut.....	17,447	16,912	321	307	17,768	17,219	103,334.00	100,722.00
Delaware.....	15,601	15,358	155	149	15,756	15,507	10,000.48	18,890.43
Florida.....	84,838	94,838	797	797	85,635	95,635	132,447.00	132,447.00
Georgia.....	65,375	65,375	945	945	66,320	66,320	117,428.00	117,428.00
Idaho.....	273,124	273,124	1,015	1,015	274,139	274,139	361,390.75	361,390.75
Illinois.....	431,634	431,634	407	407	432,041	432,041	456,050.22	456,050.22
Iowa.....	129,800	132,399	48	48	129,848	132,447	162,788.50	166,021.60
Kansas.....	74,220	74,220	138	138	74,358	74,358	75,196.00	75,196.00
Kentucky.....	88,688	94,947	276	292	88,964	95,239	78,039.80	85,624.95
Louisiana.....	72,822	72,822	555	555	73,377	73,377	76,087.00	76,087.00
Maine.....	92,927	90,166	5	5	92,932	90,171	104,147.00	104,147.00
Maryland.....	16,424	16,424	16	16	16,440	16,440	167,627.50	167,627.50
Massachusetts.....	78,414	78,414	465	465	78,879	78,879	102,283.50	102,283.50
Michigan.....	646,314	645,341	2,631	3,625	648,945	648,969	892,378.00	892,378.00
Minnesota.....	213,752	213,752	215	215	213,967	213,967	234,835.20	234,835.20
Mississippi.....	96,821	105,612	311	362	97,132	106,329	138,615.00	148,424.00
Missouri.....	115,047	115,770	813	813	115,860	116,583	248,375.50	248,375.50
Montana.....	113,078	113,078	292	292	113,370	113,370	198,784.00	198,784.00
Nebraska.....	194,931	138,493	329	329	195,260	138,802	130,965.10	144,357.10
Nevada.....	36,921	36,921	398	398	37,319	37,319	132,762.70	132,762.70
New Hampshire.....	16,921	16,921	172	172	17,093	17,093	14,345.70	14,345.70
New Jersey.....	22,669	22,669	1,333	1,333	24,002	24,002	289,744.00	297,415.00
New Mexico.....	601,243	645,714	4,215	4,259	605,458	650,013	1,137,035.06	1,231,548.97
New York.....	143,991	143,991	1,967	1,967	145,958	145,958	249,772.00	249,772.00
North Carolina.....	16,714	16,562	17	17	16,731	16,579	37,671.69	37,671.69
North Dakota.....	207,545	207,545	187	187	207,732	207,732	510,330.93	510,330.93
Ohio.....	84,986	84,986	228	228	85,214	85,214	92,964.90	92,964.90
Oklahoma.....	597,525	598,041	8,351	8,351	605,876	606,392	1,256,830.30	1,256,830.30
Pennsylvania.....	8,553	8,553	126	126	8,679	8,679	18,494.00	17,871.00
Rhode Island.....	83,519	83,519	2,897	2,897	86,416	86,416	143,929.00	143,929.00
South Carolina.....	83,519	83,519	2,897	2,897	86,416	86,416	143,929.00	143,929.00

South Dakota.....	30, 420	30, 420	849	31, 269	31, 269	57, 534.00	57, 534.00
Tennessee.....	30, 081	30, 081	300	104, 076	104, 076	138, 862.48	138, 862.48
Texas.....	13, 467	13, 467	459	109, 895	109, 895	211, 946.49	211, 946.49
Utah.....	15, 848	15, 848	1, 229	52, 068	52, 068	103, 327.20	103, 327.20
Vermont.....	46, 471	46, 471	1, 357	44, 969	44, 969	79, 265.65	79, 265.65
Virginia.....	133, 954	133, 954	2, 041	135, 995	135, 995	245, 464.50	245, 464.50
Washington.....	199, 599	199, 599	84	199, 683	199, 683	483, 720.50	483, 720.50
West Virginia.....	173, 921	173, 921	936	174, 857	174, 857	246, 354.00	246, 354.00
Wisconsin.....	237, 899	237, 899	323	238, 222	238, 222	377, 856.40	377, 856.40
Wyoming.....	20, 461	20, 461	837	21, 298	21, 298	127, 637.00	127, 637.00
Total.....	6, 806, 291	6, 856, 874	53, 719	6, 860, 010	6, 911, 177	11, 348, 006.63	11, 439, 910.77

† Figures are for the calendar year 1937, or for the hunting season that began in that year.

‡ Figures are for the 12 months ended June 30, 1938, unless otherwise indicated, and for season of age.

§ Includes combination hunting-fishing or hunting-trapping licenses.

¶ Includes "pioneer" licenses for Arizona, and "pioneer" and "veteran" licenses for Oregon.

‡ Includes 7,030 free licenses in 1937, and 7,827 in 1938, issued to residents over 70 years of age.

Bureau of Biological Survey.

See also table 703, page 670.

TABLE 697.—Total State highway income, 1937, including balances at beginning of year, as reported by State authorities

State	Balances on hand Jan. 1, 1937		Total income	Current income from State sources				Contributions from other than State sources		Income from issue of bonds, notes, etc.
	Highway funds ¹	Reserves for debt service		State taxes and appropriations	Motor-fuel taxes	Motor-vehicle fees and motor-carrier taxes	Miscellaneous income	Federal payments and advances	Transfers from local government units	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	1,033	1,421	17,374		6,587	3,485	16	2,649	742	3,895
Arizona.....	273		6,284		2,940	1,055	54	2,215		
Arkansas.....	3,052	421	17,848		8,802	3,142	620	5,284		
California.....	4,607		49,608	31	30,168	7,754	86	11,261	308	
Colorado.....	21,057	135	11,812	305	5,334	1,348	236	4,519	70	
Connecticut.....	6,009		25,680	181	9,236	5,270	216	2,119	8,839	
Delaware.....	457	62	4,259		2,023	1,173	57	1,006		
Florida.....	-2,568		11,903		9,478			2,388	37	
Georgia.....	6,785		19,781		12,569	2,064	32	5,126		
Idaho.....	789	34	6,798		4,059	370	115	2,027	46	
Illinois.....	20,363		71,927		35,527	20,452	299	15,649		
Indiana.....	1,608		25,117		14,355	4,307	137	6,233		
Iowa.....	5,070		28,181		7,190	10,598	4	7,602		2,787
Kansas.....	4,089	877	17,898		9,797	4,450	11	3,589	51	
Kentucky.....	5,402	176	21,388		12,669	2,633	1,900	4,040	56	
Louisiana.....	-4,597	829	28,596	504	8,970	4,436	24	3,069	1	11,592
Maine.....	2,935	691	15,839	6	5,531	3,713	639	3,670	1,268	1,012
Maryland.....	1,493	370	18,261	264	9,836	3,993	185	2,647	135	1,201
Massachusetts.....	7,678	3,184	35,398		19,786	5,473	170	6,740	3,229	
Michigan.....	2,559	29,538	29,410		22,699	603	1,210	4,882	16	
Minnesota.....	5,375	677	24,544		10,195	8,360	31	5,858		
Mississippi.....	8,141	1,707	29,216		5,692	212	17	12,909	100	10,286
Missouri.....	2,983	76	28,978		11,037	9,866	297	7,691	87	
Montana.....	692	67	7,944		4,630		17	3,296	1	
Nebraska.....	574		10,903		6,350	732	10	3,803	8	
Nevada.....	117		4,831		1,173	443	57	3,086	22	60
New Hampshire.....	100	650	7,475		3,287	2,170	159	1,497	362	
New Jersey.....	12,796	39,953	40,517		15,916	17,565	1,881	4,974	181	
New Mexico.....	1,070	194	14,407	1	3,905	769	46	3,169	6	6,511
New York.....	15,284	46,884	104,284		25,317	41,821	2,933	14,452	499	19,262
North Carolina.....	8,160	8,139	36,459		22,435	8,004	13	6,007		
North Dakota.....	713		6,450	4	1,810	825		3,618	43	250
Ohio.....	11,637		36,013		19,329	7,719	311	8,629	25	
Oklahoma.....	-2,895		17,003		7,905	2,446	29	6,577	46	
Oregon.....	1,049		19,275		9,781	3,761	63	4,590	80	1,000
Pennsylvania.....	18,134	8,488	111,097		42,636	47,138	836	20,143	344	
Rhode Island.....	1,152	1,274	6,958		3,096	2,601	65	1,196		
South Carolina.....	7,451	323	20,386		9,067	1,641	5	3,826	1,770	4,077
South Dakota.....	1,350		7,473	3	2,700	753		4,017		
Tennessee.....	7,156	9,348	21,050		11,351	3,771	752	5,127		69
Texas.....	9,449		40,610		20,492	6,732	148	13,222	16	
Utah.....	242	6,250	6,433		3,445	684	3	2,252	49	
Vermont.....	1,604	203	6,832		2,503	2,404	2	1,608	315	
Virginia.....	-2,406	1,957	27,425		15,845	5,496	296	5,788		
Washington.....	2,542	1,766	24,086	10	15,192	4,078	50	4,756		
West Virginia.....	2,644	3,856	23,166	2,496	8,485	6,027		3,137	4	3,017
Wisconsin.....	10,661	5	42,315		19,865	11,667	97	7,383	3,303	
Wyoming.....	684	77	6,153	23	1,838	782	66	3,436	8	
Total.....	214,553	169,632	1,195,625	3,828	542,813	284,776	14,285	262,762	22,152	65,009

¹ Minus (-) sign indicates deficit.

Bureau of Public Roads.

TABLE 698.—Total State highway and bridge disbursements, 1937, as reported by State authorities

State	Total disbursements	Expenditures for State-administered highways ¹						Retirement of State highway obligations	Other disbursements or fund transfers	
		Total expenditures	Capital investment in construction and right-of-way	Maintenance	Net expenditures for equipment ²	Administrative, engineering, and miscellaneous	Interest on State highway obligations		For local roads and streets, etc. ³	For non-highway purposes
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	17,131	15,160	9,958	2,039	204	1,120	1,830	1,971	141	7
Arizona.....	6,688	6,540	4,461	1,396	175	508				
Arkansas.....	18,335	13,730	4,745	3,144	0	660	5,181	4,161	444	
California.....	49,762	43,540	28,703	10,197	372	2,079	2,189	1,775	4,447	
Colorado.....	23,284	23,038	19,096	1,545	367	1,102	835	246		
Connecticut.....	21,016	16,138	10,873	3,024	219	1,714	306	1,915	2,963	
Delaware.....	3,718	3,186	1,630	749	130	367	310	275	249	8
Florida.....	10,579	10,329	6,429	3,413	-80	471	66	88	141	21
Georgia.....	22,966	20,185	17,589	2,099	0	497		2,673	108	
Idaho.....	7,330	7,172	5,153	1,686	-28	332	29	158		
Illinois.....	69,152	37,728	21,378	5,364	878	4,809	5,299	3,920	20,080	7,424
Indiana.....	21,532	21,311	14,538	5,218	70	1,485			138	83
Iowa.....	28,450	21,899	14,816	3,392	808	493	2,390	5,697	854	
Kansas.....	20,198	14,785	9,157	4,618	-7	879	138	1,564	3,849	
Kentucky.....	23,784	22,086	9,473	9,963	1,128	1,208	314	1,359	359	
Louisiana.....	19,450	16,150	7,110	3,071	666	774	4,629	2,319	981	
Maine.....	16,360	13,569	7,685	4,075	87	637	1,085	1,886	905	
Maryland.....	17,661	10,265	6,337	1,672	372	1,196	688	2,128	5,295	3
Massachusetts.....	37,416	15,597	11,238	3,220	0	799	340	3,904	9,044	8,871
Michigan.....	30,021	28,792	18,454	7,486	330	387	2,135	968	261	
Minnesota.....	29,539	26,339	16,540	6,759	351	899	1,790	2,342	858	
Mississippi.....	30,637	28,047	25,161	1,850	281	302	453	2,145	445	
Missouri.....	30,128	27,068	18,743	5,151	0	1,854	4,320	3,000	60	
Montana.....	7,420	7,420	4,895	1,720	188	453	134			
Nebraska.....	10,917	10,479	7,092	2,944	0	443				
Nevada.....	5,163	4,537	3,308	784	150	281	14	82	438	31
New Hampshire.....	9,523	6,930	3,025	3,028	-21	633	265	551	2,042	
New Jersey.....	37,961	14,062	6,251	2,974	18	774	4,045	600	14,382	
New Mexico.....	13,956	12,861	9,045	1,642	416	1,212	546	1,095		
New York.....	94,756	50,166	31,820	8,627	0	2,181	7,538	4,452	40,138	
North Carolina.....	36,769	31,279	11,334	13,445	187	2,184	3,929	4,973		517
North Dakota.....	6,662	5,386	3,458	1,408	169	350	1	250	1,026	
Ohio.....	34,871	32,795	16,863	13,067	199	2,656			1,832	244
Oklahoma.....	21,022	21,022	15,094	3,162	966	1,800				
Oregon.....	19,729	14,658	8,457	3,615	263	1,339	984	2,808	2,196	75
Pennsylvania.....	90,469	87,357	32,543	36,351	841	14,704	2,918	2,000	610	502
Rhode Island.....	6,390	3,947	1,977	1,197	87	459	227		467	1,976
South Carolina.....	19,630	17,134	11,169	2,631	72	954	2,308	2,496		
South Dakota.....	8,121	7,679	5,580	1,757	0	342			442	
Tennessee.....	15,984	12,908	5,351	2,385	-64	820	4,416	575	2,461	40
Texas.....	42,413	40,444	29,320	8,933	409	1,782			1,969	
Utah.....	7,899	5,519	3,266	1,937	-313	349	280	2,006	380	
Vermont.....	6,570	4,702	2,856	1,356	0	198	292	425	1,443	
Virginia.....	25,086	25,077	17,056	6,788	96	933	204			9
Washington.....	22,128	13,375	8,503	3,460	91	1,263	58	71	8,031	651
West Virginia.....	22,618	18,095	8,088	5,673	596	539	3,199	4,523		
Wisconsin.....	30,208	22,167	14,546	6,809	-9	821		4,107	9,277	3,657
Wyoming.....	6,304	6,133	4,815	820	117	244	137	170		1
Total.....	1,166,706	918,786	551,979	227,877	10,711	62,395	65,824	75,664	139,219	33,037

¹ Includes expenditures on county roads under State control in Delaware, North Carolina, Virginia, and West Virginia.

² In a large number of States equipment costs are charged to construction and maintenance projects, generally through a system of rentals. In these cases only the net debit or credit in the equipment account is shown. The minus (-) sign indicates a credit.

³ Includes expenditures on park and forest roads where such roads are not on the State highway system.

Bureau of Public Roads.

TABLE 699.—Motor-vehicle registrations and imposts on highway users, 1937, by States, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special State imposts on motor vehicles operated for hire (motor-carrier taxes)

State	Motor-vehicle registrations and fees			Motor-fuel taxes				Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Tax rate per gallon at end of year	Approximate consumption by motor-vehicles	Net total receipts of calendar year	
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total					
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars
Alabama.....	257,248	56,111	313,359	4,439	6	210,673	13,350	216
Arizona.....	106,237	22,973	129,210	1,143	5	86,396	4,333	162
Arkansas.....	173,923	55,944	229,867	3,241	6½	149,880	9,962	2
California.....	2,189,378	295,275	2,484,653	24,003	3	1,561,258	46,624	3,048
Colorado.....	282,123	55,094	337,217	2,603	4	184,801	7,431	621
Connecticut.....	368,473	68,091	436,564	6,691	3	313,528	9,496	211
Delaware.....	53,285	10,314	63,599	1,202	4	50,878	2,034	.....
Florida.....	347,837	70,308	418,145	6,196	7	302,640	22,466	262
Georgia.....	363,641	78,206	441,847	2,368	6	308,631	19,550	155
Idaho.....	113,605	28,505	142,110	2,498	5	80,570	4,037	106
Illinois.....	1,554,567	214,379	1,768,946	21,430	3	1,217,074	36,266	.....
Indiana.....	815,724	140,292	956,016	9,827	4	570,186	23,497	682
Iowa.....	657,734	87,868	745,602	11,918	3	429,690	13,047	537
Kansas.....	493,639	93,046	586,685	4,537	3	333,498	10,236	1,163
Kentucky.....	345,114	59,341	404,455	5,125	5	238,940	12,671	394
Louisiana.....	245,665	77,833	323,498	4,710	7	221,204	16,000	3
Maine.....	157,736	45,171	200,907	3,865	4	137,640	5,650	22
Maryland.....	332,628	54,482	387,410	5,577	4	248,128	9,857	.....
Massachusetts.....	742,521	104,035	846,556	6,875	3	664,561	19,836	55
Michigan.....	1,359,665	145,446	1,505,111	22,085	3	972,939	29,430	403
Minnesota.....	704,437	118,161	822,598	8,867	4	433,143	15,493	23
Mississippi.....	173,214	53,072	226,286	2,248	6	167,175	10,222	158
Missouri.....	701,894	134,001	835,895	9,638	2	566,614	11,217	621
Montana.....	134,729	39,163	173,892	1,532	5	90,983	4,581	46
Nebraska.....	360,835	61,893	412,728	2,603	5	199,329	11,030	27
Nevada.....	32,563	8,092	40,655	282	4	30,263	1,177	198
New Hampshire.....	99,983	25,956	125,939	2,347	4	82,807	3,286	4
New Jersey.....	861,795	132,702	994,497	19,271	3	761,641	21,693	91
New Mexico.....	90,833	27,273	118,106	1,544	5	79,800	4,022	153
New York.....	2,233,695	328,008	2,561,703	52,901	4	1,702,621	61,915	.....
North Carolina.....	449,897	75,453	525,350	8,855	6	373,317	23,393	251
North Dakota.....	141,104	32,084	173,188	1,581	3	88,647	2,935	23
Ohio.....	1,695,648	180,484	1,876,132	25,635	4	1,167,980	40,538	492
Oklahoma.....	448,588	98,675	547,263	5,584	4	344,027	13,772	1,271
Oregon.....	299,689	60,659	360,348	3,378	5	196,127	9,801	1,094
Pennsylvania.....	1,738,797	246,024	1,984,821	38,332	4	1,353,491	55,720	8
Rhode Island.....	148,583	19,003	167,586	2,790	3	118,644	3,094	9
South Carolina.....	250,820	45,404	296,224	1,690	6	173,360	11,135	189
South Dakota.....	155,948	28,795	184,743	1,650	4	97,347	4,155	484
Tennessee.....	341,648	58,736	400,384	4,233	7	237,540	18,938	369
Texas.....	1,237,348	314,766	1,552,114	19,684	4	1,041,463	41,678	109
Utah.....	105,571	21,121	126,692	1,049	4	75,720	3,424	113
Vermont.....	79,606	9,352	88,958	2,410	4	61,887	2,323	.....
Virginia.....	371,708	69,005	440,713	6,153	5	322,667	16,122	200
Washington.....	450,906	84,577	535,483	4,402	5	305,082	15,282	245
West Virginia.....	246,162	44,675	290,837	6,162	5	192,079	8,496	91
Wisconsin.....	713,166	141,208	854,374	12,984	4	484,315	19,761	1,559
Wyoming.....	64,459	17,378	81,837	597	4	55,049	2,500	227
District of Columbia.....	165,257	18,862	184,119	878	2	131,080	2,732	210
Total.....	25,449,924	4,255,296	29,705,220	399,613	(1)	19,218,121	761,998	16,216

1 Weighted average rate 3.91 cents.

Bureau of Public Roads.

TABLE 700.—Disposition of receipts from State imposts on highway users, 1937, including motor-vehicle registration fees, etc., motor-fuel taxes, and special imposts on motor vehicles operated for hire (motor-carrier taxes)

State	Net total receipts of calendar year	Adjustments due to undistributed balances, etc.	Net total funds distributed	Expenses of collection and administration	For State highway purposes				For local roads, streets, etc. ¹	For non-highway purposes
					Construction, maintenance, and administration	State highway police	Service of State highway obligations	Total		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	18,005	197	18,202	680	6,439	406	3,227	10,072	6,666	764
Arizona.....	5,638	—2	5,636	344	3,847	141	—	3,988	1,297	7
Arkansas.....	13,205	—	13,205	452	3,023	130	8,791	11,944	727	82
California.....	73,675	-177	73,498	3,885	30,163	2,641	3,964	36,758	22,688	10,157
Colorado.....	10,655	-4	10,651	731	5,664	298	720	6,682	3,238	—
Connecticut.....	16,398	-631	15,767	1,175	8,995	325	2,223	11,543	3,049	—
Delaware.....	3,236	75	3,311	115	2,154	210	685	2,949	—	8
Florida.....	28,924	12	28,936	1,139	9,123	39	3,300	12,462	6,654	8,681
Georgia.....	22,073	226	22,299	975	11,329	320	2,673	14,322	3,763	3,239
Idaho.....	6,641	49	6,690	116	4,426	136	—	4,562	2,012	—
Illinois.....	57,696	464	58,160	1,806	20,743	1,436	9,219	31,398	17,273	7,683
Indiana.....	34,006	2,838	36,844	1,248	18,662	446	—	19,108	13,449	3,039
Iowa.....	25,502	122	25,624	1,626	9,701	—	8,087	17,788	6,210	—
Kansas.....	15,936	-256	15,680	1,433	9,167	136	1,344	10,647	3,600	—
Kentucky.....	18,190	127	18,317	600	15,050	185	—	15,235	657	1,825
Louisiana.....	20,713	-204	20,509	237	4,046	412	7,068	12,426	980	6,866
Maine.....	9,437	-5	9,432	198	5,623	275	2,412	8,310	934	—
Maryland.....	15,434	-993	14,441	612	5,623	378	2,563	8,564	5,265	—
Massachusetts.....	26,766	213	26,979	1,720	7,281	350	3,243	10,874	5,817	8,568
Michigan.....	51,918	-190	51,728	2,150	20,302	321	3,000	23,623	25,679	276
Minnesota.....	24,383	35	24,418	600	14,265	281	4,009	18,555	5,098	165
Mississippi.....	12,628	-4	12,624	203	3,030	38	2,562	5,630	6,791	—
Missouri.....	21,376	401	21,777	800	13,055	888	7,400	20,843	60	74
Montana.....	6,159	152	6,311	127	4,094	159	366	4,789	1,305	—
Nebraska.....	13,660	-184	13,476	354	6,984	75	—	7,039	4,833	1,230
Nevada.....	1,657	—	1,657	41	1,482	38	96	1,616	—	—
New Hampshire.....	5,937	57	5,994	133	3,782	179	829	4,790	771	—
New Jersey.....	40,955	163	41,118	1,915	5,533	—	7,633	13,166	11,398	14,639
New Mexico.....	5,719	142	5,861	333	3,005	120	1,603	4,728	218	582
New York.....	114,816	-4,696	110,120	3,009	24,087	1,335	10,160	35,582	31,556	39,973
North Carolina.....	32,499	-681	31,818	502	19,408	612	9,902	29,922	—	1,394
North Dakota.....	4,539	-142	4,397	248	2,263	121	251	2,635	1,800	14
Ohio.....	72,665	1,983	74,648	1,667	26,173	501	—	26,674	33,916	12,391
Oklahoma.....	20,627	-295	20,332	1,560	10,351	294	—	10,645	6,269	1,858
Oregon.....	14,273	—	14,273	708	7,280	350	3,784	11,414	2,076	75
Pennsylvania.....	94,060	18,888	112,948	2,288	79,779	2,623	6,260	88,662	7,642	14,356
Rhode Island.....	5,893	93	5,986	280	2,848	146	276	3,270	451	1,976
South Carolina.....	13,014	-76	12,938	224	5,358	282	5,068	10,708	1,822	184
South Dakota.....	6,280	323	6,612	217	3,406	3	—	3,409	1,286	1,700
Tennessee.....	23,540	-705	22,835	602	6,229	443	8,026	14,698	5,041	2,494
Texas.....	61,471	-27	61,444	2,057	26,781	443	10,246	37,470	11,671	10,246
Utah.....	4,586	-223	4,363	158	3,393	144	592	4,129	—	76
Vermont.....	4,733	358	5,091	90	2,830	94	608	3,232	1,769	—
Virginia.....	22,473	33	22,507	668	20,429	205	903	21,537	2,67	35
Washington.....	19,629	52	19,681	618	8,555	1,490	171	10,216	8,142	1,005
West Virginia.....	14,749	—	14,749	227	6,947	10	7,565	14,522	—	—
Wisconsin.....	34,294	-162	34,132	1,448	15,424	—	4,102	19,526	8,349	4,809
Wyoming.....	3,324	-38	3,286	50	2,278	64	278	2,620	616	—
District of Columbia.....	3,829	-2	3,827	161	—	—	—	—	2,724	942
Total.....	1,177,627	17,305	1,195,132	42,529	530,080	19,023	156,209	705,312	285,878	161,413

¹ Includes funds allotted for expenditure on park and forest roads where such roads are not on the State highway system.

Bureau of Public Roads.

TABLE 701.—Status of highway construction with funds administered by Bureau of Public Roads, as of June 30, 1938, including work done with those funds apportioned to all States

State	Completed during fiscal year 1938										Under construction or approved for construction									
	Federal funds			Miles			Grade crossings		Total cost			Federal funds			Miles			Grade crossings		Balance available for pro-grammed projects
	Dollars	Number	Number	Dollars	Number	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number		
																			Elimi-nated by apara-tion or reloca-tion		Struc-tures recon-structed	Elimi-nated by apara-tion or reloca-tion	Struc-tures recon-structed
Alabama	5,585,696	3,473,258	100.3				11,958,182	485.8	6,725,711	13									9,008,703	
Arizona	2,036,762	2,036,762	244.0				1,820,310	111.4	1,820,310	11									2,036,762	
Arkansas	5,752,241	7,375,197	226.5				1,267,889		1,267,889	10									6,597,363	
California	1,172,370	7,375,197	137.8				17,233,713	10,338,959	337.7	11									5,805,421	
Colorado	4,718,635	3,012,600	37.2				4,784,437	3,077,758	134.7	4									5,843,497	
Connecticut	2,962,822	2,914,575	32.3				2,321,429	1,484,141	19.1										2,788,233	
Delaware	802,505	527,859	37.8				1,710,749	1,038,091	28.6	2									1,890,381	
Florida	6,424,488	2,727,227	67.7				5,754,551	3,072,746	91.4	3									4,795,965	
Georgia	2,935,846	4,397,499	272.8				16,006,904	10,594,731	708.2	24									11,198,239	
Idaho	3,901,915	2,550,004	290.1				3,395,927	2,051,639	239.4	2									2,318,055	
Illinois	11,258,484	7,575,546	242.2				20,388,927	16,281,921	331.5	27									2,318,055	
Indiana	11,258,484	7,575,546	242.2				11,397,705	6,283,771	331.5	27									2,318,055	
Iowa	10,653,735	4,493,328	333.4				11,333,005	6,294,638	298.4	6									4,469,049	
Kansas	6,938,961	4,120,126	330.1				12,314,547	7,292,159	993.4	20									4,559,159	
Kentucky	5,920,726	3,939,645	224.0				11,763,547	6,294,541	440.6	6									6,511,554	
Louisiana	3,534,640	3,141,748	69.9				15,975,580	4,900,090	160.7	16									4,024,599	
Maine	3,398,937	2,109,766	96.1				4,132,343	2,344,323	102.5	6									4,459,963	
Maryland	2,161,559	1,631,572	29.4				5,665,131	3,834,003	77.7	2									1,085,167	
Massachusetts	8,981,594	6,756,174	41.1				18,940,597	8,832,134	18.9	8									3,757,594	
Michigan	9,306,524	5,547,994	432.2				18,940,597	8,832,134	18.9	8									6,225,473	
Minnesota	6,316,424	4,547,994	432.2				8,819,685	5,291,009	396.8	13									6,007,709	
Mississippi	6,074,450	4,281,842	284.3				10,654,825	4,920,796	431.5	8									5,984,533	
Missouri	16,071,224	11,240,413	769.1				11,006,707	6,307,125	390.3	12									7,368,266	
Montana	4,859,080	2,915,308	334.2				3,177,299	2,198,313	98.4	7									6,228,878	
Nebraska	5,327,652	3,543,008	418.3				11,957,960	5,675,626	838.1	16									5,612,343	
Nevada	2,968,772	2,483,403	161.4				2,475,641	2,979,553	214.1	1									1,941,700	
New Hampshire	1,204,828	444,090	10.9				1,535,071	2,979,553	37.9	3									1,735,955	
New Jersey	6,232,051	6,035,734	46.2				4,107,584	2,292,693	232.9	6									5,264,039	
New York	26,314,543	16,046,983	337.8				25,038,518	14,556,695	495.0	15									10,811,853	
North Carolina	9,512,523	6,510,716	547.6				10,981,273	6,241,769	495.6	16									6,107,483	
North Dakota	3,293,868	3,130,546	317.3				5,010,468	4,836,704	289.1	4									5,659,816	

Ohio.....	11,166,378	8,093,974	210.4	16	7	19,764,456	13,053,563	133.4	44	13,899,640
Oklahoma.....	7,507,024	4,906,853	280.2	10	8	8,991,502	5,017,143	336.7	3	6,679,493
Oregon.....	7,034,027	4,972,223	223.7	10	1	3,861,431	2,407,804	157.9	2	3,497,748
Pennsylvania.....	29,159,494	20,531,069	414.2	37	10	10,357,279	10,171,089	901.1	18	13,335,994
Rhode Island.....	6,337,953	3,774,680	360.1	21	7	9,376,085	5,049,782	446.5	7	3,435,049
South Carolina.....	4,801,415	3,690,927	379.4	35	2	5,876,939	3,635,432	488.5	24	5,436,983
South Dakota.....	5,959,289	4,710,290	139.7	28	1	7,543,054	4,308,934	214.7	4	7,924,576
Tennessee.....	20,398,824	11,677,901	1,145.9	31	2	21,102,681	11,093,097	1,280.2	13	15,117,249
Texas.....	3,184,541	2,664,137	199.9	15	2	2,120,681	1,494,384	172.2	2	2,543,981
Utah.....	2,080,417	1,128,574	82.2	8	2	2,398,478	1,173,776	94.2	3	2,543,981
Vermont.....	4,088,660	2,597,930	290.1	16	1	10,855,018	4,921,148	158.3	19	2,924,167
Washington.....	4,905,210	3,912,702	107.8	15	3	4,825,223	3,755,023	120.6	12	3,397,232
West Virginia.....	10,784,101	6,323,673	306.2	14	2	11,033,214	6,237,506	285.9	17	3,816,563
Wisconsin.....	3,874,120	2,716,258	343.3	5	2	3,159,020	2,084,564	310.0	1	4,498,713
Wyoming.....	108,320	168,320	343.3	5	1	2,185,160	1,290,142	32.5	1	1,702,425
District of Columbia.....	1,294,555	797,911	21.4	711	144	1,585,760	953,810	35.2	5	325,431
Hawaii.....	353,898,537	239,555,509	12,129.2	711	144	415,108,982	241,004,870	14,286.4	4	1,744,540
Puerto Rico.....	353,898,537	239,555,509	12,129.2	711	144	415,108,982	241,004,870	14,286.4	4	1,744,540
Total.....	353,898,537	239,555,509	12,129.2	711	144	415,108,982	241,004,870	14,286.4	491	257,405,917

Fiscal year ends on June 30 of the year indicated.
Bureau of Public Roads.

TABLE 702.—Comparison of employment on all Federal and Federal-aid highway construction and on all Federal and State road work, including State maintenance by months, during fiscal years 1934-38¹

Month	Men employed on all Federal and Federal-aid highway construction					Total men employed on all Federal and State highway construction and maintenance				
	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
July.....	129,205	335,223	191,041	249,271	150,480	332,277	549,203	375,442	435,971	334,536
August.....	111,211	297,224	178,756	247,841	163,331	329,813	531,034	382,846	433,533	351,853
September.....	115,047	247,880	143,455	227,916	152,784	337,973	498,151	340,073	414,147	346,444
October.....	154,016	210,079	135,060	206,113	143,617	384,029	450,322	323,374	389,066	330,942
November.....	185,860	201,046	118,898	172,295	121,394	420,069	426,603	290,552	353,971	314,067
December.....	174,358	147,101	103,493	128,314	85,365	362,031	323,700	252,229	288,248	255,630
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
January.....	154,154	96,594	82,731	76,829	54,899	315,989	240,414	202,884	210,027	196,858
February.....	156,814	81,257	70,418	67,844	49,713	306,090	221,406	200,451	190,336	177,675
March.....	144,053	90,999	86,050	69,946	51,229	296,265	217,539	227,586	200,794	179,420
April.....	187,657	123,063	132,834	88,361	67,829	345,278	282,740	287,478	226,286	213,802
May.....	271,972	167,535	193,269	122,655	98,179	466,504	331,000	374,191	289,063	272,516
June.....	536,414	193,263	237,330	145,373	114,373	545,013	362,359	423,466	313,149	294,240
Man-months ²	2,120,761	2,191,264	1,673,935	1,792,760	1,262,202	4,441,331	4,434,451	3,680,543	3,755,491	3,267,683

¹ Fiscal years end June 30 of year indicated; thus the fiscal year 1934 began in July 1933 and ended in June 1934.² Total for the fiscal year.

Bureau of Public Roads.

TABLE 703.—Sales by the Post Office Department of \$1 migratory-bird hunting stamps, not less than 90 percent of the proceeds of which is made available to the Bureau of Biological Survey, Department of Agriculture, for furthering the program of establishing refuges for migratory birds, 1934-37¹

State	1934	1935	1936	1937	State	1934	1935	1936	1937
	Number	Number	Number	Number		Number	Number	Number	Number
Alabama.....	2,533	1,403	1,914	2,889	Nebraska.....	21,336	17,818	20,280	22,939
Alaska.....	2,000	2,380	1,708	1,640	Nevada.....	2,513	2,272	3,398	3,921
Arizona.....	2,332	1,760	1,730	2,363	New Hampshire..	1,641	829	1,166	1,688
Arkansas.....	11,973	9,134	10,268	11,799	New Jersey.....	12,730	6,040	6,517	9,921
California.....	39,525	33,297	44,570	52,577	New Mexico.....	2,671	1,681	2,164	2,173
Colorado.....	10,482	6,696	11,917	10,517	New York.....	21,502	11,917	15,470	23,286
Connecticut.....	4,372	2,116	2,381	3,249	North Carolina..	4,964	1,995	2,865	5,097
Delaware.....	3,600	1,259	1,115	2,001	North Dakota....	5,947	6,581	6,069	9,513
District of Columbia.....	1,204	958	1,017	1,105	Ohio.....	10,407	7,001	10,493	14,662
Florida.....	6,704	4,431	5,774	7,175	Oklahoma.....	27,862	8,624	5,967	21,005
Georgia.....	1,540	730	816	998	Oregon.....	13,199	9,709	13,772	19,540
Idaho.....	9,840	6,610	10,526	10,138	Pennsylvania.....	8,751	5,083	5,438	5,613
Illinois.....	42,687	36,387	53,251	51,333	Rhode Island.....	1,794	1,074	1,177	1,477
Indiana.....	8,250	5,379	7,648	12,311	South Carolina..	1,800	1,944	1,680	1,600
Iowa.....	16,129	18,910	27,294	25,427	South Dakota....	12,594	9,461	8,025	17,639
Kansas.....	17,334	17,353	16,118	18,868	Tennessee.....	6,918	5,024	4,754	5,366
Kentucky.....	2,314	1,291	1,136	2,676	Texas.....	42,424	28,150	33,481	45,357
Louisiana.....	20,081	10,242	13,721	19,366	Utah.....	7,133	3,672	8,123	9,185
Maine.....	6,539	3,214	4,527	5,545	Vermont.....	1,754	1,116	1,256	1,810
Maryland.....	6,575	2,831	3,358	4,390	Virginia.....	4,628	1,792	2,251	3,052
Massachusetts.....	14,124	6,033	7,380	12,161	Washington.....	29,033	18,980	28,396	41,060
Michigan.....	25,348	14,796	31,482	56,888	West Virginia....	566	390	419	446
Minnesota.....	51,636	44,062	72,460	97,609	Wisconsin.....	40,769	35,154	48,999	61,783
Mississippi.....	4,703	3,154	3,168	4,855	Wyoming.....	3,073	2,660	4,010	4,607
Missouri.....	23,001	14,080	17,149	16,499	Hawaii.....	137	97	96	155
Montana.....	14,120	10,474	14,903	15,884	Total.....	635,001	448,204	603,623	783,039

¹ Stamps issued for fall hunting season of year named, but on sale to June 30 of the following year.

Bureau of Biological Survey. See also table 696, page 562.

TABLE 704.—*Rural Electrification project developments: Status on December 31, 1938*

Item	Number	Amount
Projects with allotments approved.....	518	\$180,660,210
Projects with loan contracts executed.....	476	137,772,810
Projects energized in whole or in part.....	342	131,220,151

Rural Electrification Administration.

TABLE 705.—*Rural Electrification Administration allottees: Classified as of December 31, 1938*

Type of allottee	Projects		Amount		Miles ¹		Customers ¹	
	Num- ber	Percent	Dollars	Percent	Num- ber	Percent	Num- ber	Percent
Cooperatives, and other corporations with cooperative features.....	452	87.3	\$163,744,856	90.6	150,569	90.9	497,740	90.6
Power and irrigation districts.....	29	5.6	10,521,700	5.8	9,108	5.5	24,679	4.5
State agencies or other political subdivisions including municipalities.....	15	2.9	2,225,386	1.6	2,495	1.5	12,605	2.3
Private.....	22	4.2	3,568,266	2.0	3,486	2.1	14,378	2.6
Total.....	519	100.0	\$180,660,210	100.0	165,678	100.0	549,402	100.0

¹ As taken from allotment records.

Rural Electrification Administration.

TABLE 706.—*Fertilizer materials: Sales and production of agricultural lime, phosphate rock, sulfur, and pyrites, in quantity and value, United States, 1935-37*

Item	Quantity			Value		
	1935	1936	1937	1935	1936	1937
Agricultural lime and liming materials sold: ¹						
Lime and limestone:						
Quicklime.....	Short tons 84,943	Short tons 116,173	Short tons 140,425	Dollars 464,603	Dollars 592,985	Dollars 762,496
Hydrated.....	197,717	220,732	266,037	1,437,236	1,515,802	1,975,937
Burned lime from oyster shells.....	16,258	9,802	-----	102,593	72,134	-----
Oyster shells, crushed for fertilizer lime.....	44,145	68,232	-----	106,609	196,498	-----
Limestone pulverized.....	2,140,370	3,743,710	5,004,930	2,656,728	4,406,703	6,454,695
Calcareous marl.....	88,062	45,528	46,650	96,638	58,562	59,775
Total.....	2,571,495	4,204,177	-----	4,864,427	6,842,681	-----
Phosphate rock sold or used: ²						
Sold for direct application to the soil.....	Long tons 33,357	Long tons 45,230	Long tons -----	-----	-----	-----
Florida:						
Hard rock.....	116,483	138,859	64,151	500,526	579,202	342,202
Soft rock.....	50,430	31,769	60,256	125,129	103,352	206,271
Land pebble.....	2,269,891	2,454,272	2,872,413	7,751,954	7,845,969	8,600,512
Tennessee: ³						
Brown and blue rock.....	550,284	643,822	825,099	2,323,536	2,598,279	3,343,108
Other States.....	69,293	83,135	134,270	250,578	279,330	489,195
Total.....	3,042,381	3,351,857	3,956,189	10,951,723	11,406,132	12,975,288
Sulfur produced.....	1,632,590	2,016,338	2,741,970	-----	-----	-----
Sulfur sold.....	1,634,990	1,968,820	2,466,512	\$29,300,000	\$35,400,000	\$44,300,000
Sulfur consumed ⁴	239,000	266,000	415,000	-----	-----	-----
Pyrites produced.....	514,192	547,236	684,166	1,583,074	1,666,194	1,777,787
Basic slag produced.....	25,000	36,000	-----	-----	-----	-----

¹ Sold by producers. (Includes a small amount sold by Hawaii and Puerto Rico producers.)² Sold or used by producers.³ Includes Virginia.⁴ Includes Idaho and Montana.⁵ Approximate.⁶ Consumed in the manufacture of fertilizers and insecticides.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of Mines. Figures for earlier years appear in previous issues of the Yearbook.

TABLE 707.—Fertilizer and fertilizer materials: Production, sales, imports, exports, and consumption, United States, 1932-37

Item	1932	1933	1934	1935	1936	1937 ¹
Sulfate of ammonia (equivalent of all forms):	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Production ²	356, 108	420, 203	470, 910	545, 312	694, 342	753, 216
Sales ³	372, 243	411, 920	472, 027	578, 851	655, 486	770, 944
Imports for consumption.....	344, 188	393, 405	207, 537	88, 549	171, 666	92, 795
Exports.....	16, 511	15, 968	28, 775	87, 837	118, 475	82, 786
Nitrate of soda, imports for consumption.....	56, 482	137, 610	328, 750	437, 690	529, 015	704, 247
Sulphuric acid:						
Production.....	952, 581	1, 366, 973	1, 519, 504	1, 654, 685	1, 746, 657	2, 212, 217
Imports for consumption.....	749	1, 024	825	1, 050	993	1, 376
Exports.....	1, 516					
Consumption ⁴	770, 592	1, 206, 117	1, 396, 049	1, 343, 331	1, 463, 028	1, 943, 279
Superphosphate:						
Production.....	1, 765, 971	2, 694, 870	2, 868, 016	2, 954, 130	3, 412, 486	4, 429, 767
Sales ⁵	709, 074	824, 176	829, 490	824, 177	997, 011	1, 046, 334
Exports.....	26, 749	39, 616	66, 248	61, 661	70, 672	88, 423
Potash:						
Production.....	143, 120	333, 110	275, 732	357, 974	431, 470	486, 090
Sales.....	121, 390	325, 481	224, 875	406, 922	396, 690	466, 933
Exports.....	2, 034	28, 086	28, 605	75, 983	103, 031	103, 031
Imports (general) ⁶ from—						
Spain.....	17, 725	66, 564	75, 599	43, 358	11, 607	-----
Germany.....	187, 657	221, 562	204, 139	266, 969	220, 316	-----
Netherlands ⁷	42, 691	100, 920	93, 413	144, 264	132, 508	-----
France.....	5, 364	6, 116	7, 767	10, 620	8, 530	-----
Belgium ⁸	28, 866	22, 120	26, 748	30, 147	25, 445	-----
Other countries.....	5, 235	8, 288	20, 097	16, 292	8, 620	-----
Total.....	287, 538	425, 570	427, 763	511, 640	407, 026	-----
Imports for consumption:						
Kainit.....	55, 299	114, 228	128, 688	82, 888	59, 293	130, 025
Manure salts.....	113, 038	126, 696	87, 675	95, 563	39, 053	44, 909
Muriate of potash.....	87, 761	118, 203	142, 200	262, 370	235, 959	414, 682
Sulfate of potash.....	31, 440	66, 444	60, 200	70, 820	59, 581	93, 694
Sulfate of potash-magnesia.....	-----	15, 445	20, 987	25, 876	13, 606	22, 375
Nitrate of potash ⁹	-----	114, 832	25, 300	31, 631	47, 630	58, 921
Other potash-bearing substances.....	393	503	394	272	279	255
Total.....	287, 931	446, 351	474, 414	569, 420	455, 401	767, 861

¹ Preliminary.² Byproduct of coke ovens; production from other sources (coal, gas, bone carbonizing, etc.) is usually less than 5 percent of the total production.³ Includes ammonia liquor NH_3 content converted to sulfate equivalent.⁴ Fertilizer establishments only.⁵ Bulk superphosphate. Superphosphate in base and mixed goods excluded.⁶ Includes kainit, manure salts, sulfate of and muriate of potash.⁷ General imports, 1932 and 1933; imports for consumption, 1934-37.⁸ Originated mostly in Germany.⁹ Originated mostly in France.¹⁰ Crude from Chile.¹¹ General imports.

Bureau of Agricultural Economics. Compiled as follows: Production and sales, sulfate of ammonia and potash from Bureau of Mines; sulphuric acid and superphosphate from Bureau of the Census; imports and exports from Bureau of Foreign and Domestic Commerce.

TABLE 708.—*Liming materials: Consumption on farms, by States, average 1929-31, annual 1930-37*¹

State	Average 1929-31	1930	1931	1932	1933	1934	1935	1936	1937
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....	8,465	8,764	8,289	4,808	5,650	7,519	5,731	23,598	37,975
New Hampshire.....	5,500	5,500	5,500	4,100	1,500	2,196	2,220	5,700	16,290
Vermont.....	6,857	7,268	4,702	3,632	5,280	2,369	5,716	14,659	34,000
Massachusetts.....	59,557	56,336	66,000	46,009	40,433	25,902	25,220	34,612	40,041
Rhode Island.....	1,788	1,276	2,812	1,350	1,127	2,544	1,935	2,690	5,060
Connecticut.....	25,667	27,500	22,000	35,000	10,000	19,996	24,061	30,975	30,110
New York.....	181,150	191,650	166,800	110,922	106,070	99,115	122,371	224,796	314,500
New Jersey.....	53,036	58,293	52,478	35,151	33,751	39,541	50,246	64,307	82,574
Pennsylvania.....	236,978	242,275	213,480	186,881	148,146	160,844	245,064	307,760	467,007
Ohio.....	212,791	232,920	168,073	102,579	121,593	157,711	176,168	318,959	353,409
Indiana.....	157,146	164,777	102,530	115,913	110,974	156,446	253,511	466,286	574,561
Illinois.....	675,000	750,000	325,000	139,522	184,338	333,878	356,095	1,022,916	1,044,834
Michigan.....	125,009	135,984	127,942	143,113	138,086	250,277	169,784	184,868	219,111
Wisconsin.....	² 132,489		132,489	116,623	82,569	373,305	764,963	682,837	600,000
Minnesota.....	15,797	17,450	12,000	6,560	4,750	7,450	13,000	40,169	34,800
Iowa.....	309,242	350,000	227,727	142,089	120,525	177,400	224,016	902,689	432,373
Missouri.....	213,434	228,404	175,000	108,431	59,991	90,713	122,519	406,533	385,694
Kansas.....	41,633	39,025	42,500	20,050	13,900	34,000	13,373	34,460	55,067
Delaware.....	14,703	16,562	10,382	5,812	4,751	9,637	8,902	12,820	16,830
Maryland.....	34,986	36,049	40,060	28,803	24,091	26,923	48,146	87,853	116,819
Virginia.....	99,681	114,000	64,984	47,557	70,668	81,985	110,636	196,140	289,878
West Virginia.....	10,950	10,023	9,398	2,256	4,544	16,474	15,260	31,613	38,679
North Carolina.....	84,763	100,000	54,290	44,702	38,456	59,460	75,861	94,254	136,242
South Carolina.....	³ 10,331	12,000	8,662	7,880	16,302	28,210	42,266	48,146	57,147
Georgia.....	³ 5,716	5,085	6,348	6,321	7,236	5,536	14,020	16,714	24,332
Florida.....	5,188	3,500	5,064	8,694	11,002	16,856	35,041	42,748	53,986
Kentucky.....	276,333	294,000	229,000	175,437	174,659	165,800	284,992	869,218	819,432
Tennessee.....	302,500	332,500	225,000	155,000	43,475	27,873	27,608	64,383	413,910
Alabama.....	³ 7,638	10,700	4,575	5,289	6,914	14,801	19,042	19,749	45,771
Mississippi.....	8,667	10,000	6,000	2,367	1,757	3,065	4,075	4,263	6,799
Arkansas and Louisiana.....	³ 3,400	5,000	1,800	723				6,543	7,291
Washington.....	6,933	8,300	8,500	8,500	8,500	8,250	8,250	8,750	8,900
Oregon.....	2,267	2,000	2,800	2,600	2,438	3,862	5,213	10,020	12,192
California.....	22,978	21,155	16,756	10,041	13,590	23,853	16,374	23,308	15,821
Total.....	3,261,201	3,498,296	2,548,941	1,839,715	1,627,057	2,433,841	3,291,789	6,305,426	6,800,735

¹ Liming materials consist of ground limestone, limestone screenings and meal, burned and hydrated lime, marl, and miscellaneous materials.

² Year 1931 only.

³ Average for 1930 and 1931 only.

Bureau of Agricultural Economics. Compiled from a report of the National Lime Association.

TABLE 709.—Fertilizers: Production and value, by States, 1935; United States, total, 1931, 1933, and 1937

State	Quantity				Value			
	Complete fertilizers	Superphosphates ¹	Other fertilizers ¹	Total	Complete fertilizers	Superphosphates ¹	Other fertilizers ¹	Total
	Short tons	Short tons	Short tons	Short tons	Dollars	Dollars	Dollars	Dollars
Maine.....	48,947		3,128	52,075	1,677,352		112,515	1,789,867
Massachusetts.....	82,508	(²)	(²)	121,442	2,032,097	(²)	(²)	2,524,453
Connecticut.....	47,776		2,635	50,411	1,538,400		112,901	1,651,301
New York.....	71,891	(²)	(²)	105,779	1,561,371	(²)	(²)	2,032,259
New Jersey.....	184,282	54,463	7,687	246,432	4,082,172	419,381	224,606	4,726,159
Pennsylvania.....	133,540	(²)	(²)	197,757	2,985,640	(²)	(²)	3,658,260
Ohio.....	288,321	118,127	45,200	451,648	6,177,526	1,417,087	985,523	8,580,136
Indiana.....	89,809	12,157	14,013	115,973	2,157,126	193,439	331,509	2,682,134
Illinois.....	106,502	16,253	27,036	149,791	2,352,933	218,080	700,814	3,251,827
Michigan.....	45,190	(²)	(²)	57,356	865,967	(²)	(²)	1,084,343
Missouri.....	1,187		1,187	33,340				33,340
Delaware.....	20,442		11,228	31,670	699,959		203,797	803,756
Maryland.....	392,548	482,192	59,546	934,286	7,680,087	3,867,234	1,107,363	12,654,684
Virginia.....	448,373	82,713	69,224	600,310	9,705,305	742,670	1,631,160	12,079,135
North Carolina.....	482,389	122,084	24,907	629,380	9,975,755	1,042,899	511,034	11,529,688
South Carolina.....	315,022	112,124	6,789	433,935	6,470,299	978,769	121,109	7,570,167
Georgia.....	548,336	168,560	15,611	732,507	11,787,116	1,740,895	325,866	13,853,877
Florida.....	304,840	119,060	22,323	446,223	7,710,666	1,050,510	633,142	9,294,318
Kentucky.....	38,620	(²)	(²)	47,069	928,967	(²)	(²)	1,101,600
Tennessee.....	79,175	121,999	26,557	227,731	1,661,638	1,351,216	489,245	3,502,099
Alabama.....	193,085	63,454	4,358	260,897	3,656,294	634,050	70,327	4,360,671
Mississippi.....	78,681	(²)	(²)	113,681	1,096,818	(²)	(²)	2,165,112
Louisiana.....	79,872	46,763	8,860	135,495	1,874,282	410,655	210,065	2,495,002
Texas.....	26,162	(²)	(²)	43,494	682,261	(²)	(²)	923,138
Washington.....	10,223	(²)	996	11,219	287,142		22,380	306,522
California.....	53,532	(²)	(²)	160,038	2,043,727	(²)	(²)	4,234,090
Other States.....	30,334	(²)	(²)	101,994	889,304	(²)	(²)	1,749,518
Undistributed.....		234,828	153,324			2,422,246	3,366,255	
Total, 1935.....	4,201,581	1,754,777	503,422	6,459,780	93,091,644	16,489,121	11,059,671	120,640,436
Total 1931.....	4,544,650	1,963,153	454,878	6,962,681	110,172,501	20,678,216	9,867,184	140,717,901
Total, 1931 adjusted ³	4,461,270	1,963,503	389,028	6,813,801	107,981,716	20,638,816	8,538,743	137,150,275
Total, 1933 ⁴	3,273,744	1,545,782	376,436	5,195,962	61,179,998	12,881,737	8,749,218	82,810,953
Total, 1937 ⁵	5,651,578	2,641,640	650,570	8,943,788	127,863,320	27,566,881	14,971,921	170,402,122

¹ Produced for sale, including concentrated phosphates, basis 16-percent available phosphoric acid.² Fish scrap, potash-superphosphate, bone meal and other fertilizers.³ Included in undistributed, in order to avoid disclosing data for individual establishments.⁴ Excludes data for the smaller manufacturers in the fertilizer industry and other establishments manufacturing fertilizer products.⁵ Preliminary. State figures not yet available.⁶ In addition, 37,501 tons of superphosphate, basis 44 percent P₂O₅, were produced by the Tennessee Valley Authority.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of the Census.



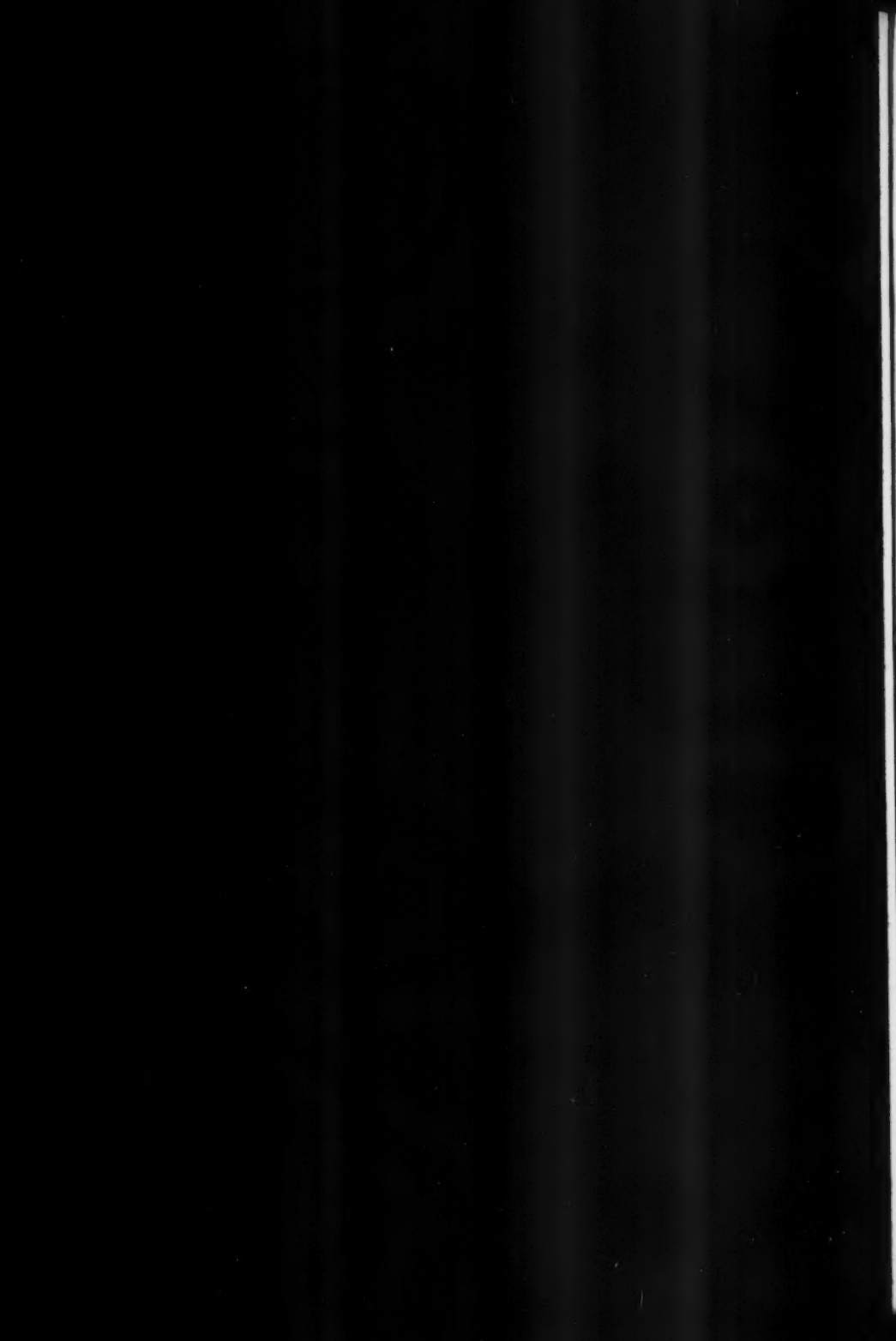


TABLE 710.—Fertilizer: Consumption by States, 1927-37¹

State and division	Calendar year ²										
	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937 ³
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
Maine.....	184	179	185	196	195	155	135	138	125	130	140
New Hampshire.....	17	17	17	11	10	11	12	14	16	17	18
Vermont.....	15	17	15	16	15	12	10	13	15	16	25
Massachusetts.....	72	70	62	67	65	62	55	58	63	65	74
Rhode Island.....	10	10	10	8	7	6	8	9	10	10	11
Connecticut.....	65	72	69	69	70	52	47	45	51	52	70
New York.....	260	260	230	288	260	210	225	230	235	250	285
New Jersey.....	142	144	142	156	151	138	127	138	150	161	184
Pennsylvania.....	326	340	332	334	287	242	232	268	295	318	350
North Atlantic.....	1,001	1,109	1,083	1,145	1,060	888	851	913	960	1,019	1,177
Ohio.....	313	321	339	327	249	169	209	264	307	337	362
Indiana.....	240	221	250	224	166	80	100	153	195	254	275
Illinois.....	26	31	38	41	32	16	17	19	24	33	45
Michigan.....	117	150	153	145	105	82	80	83	111	126	145
Wisconsin.....	23	33	41	51	46	27	16	20	28	32	43
Minnesota.....	11	14	13	16	18	9	7	9	11	10	12
Iowa.....	7	10	17	25	22	10	5	5	5	6	9
Missouri.....	56	65	59	60	49	27	32	52	59	94	82
Kansas.....	8	9	10	6	3	3	2	5	7	11	15
Other States.....	2	1	1	3	2	1	1	1	1	1	1
North Central.....	803	855	921	898	692	424	469	611	748	904	989
Delaware.....	41	41	41	43	36	33	28	36	38	39	43
Maryland.....	165	173	165	177	146	125	133	146	165	165	186
Virginia.....	408	438	430	449	370	280	308	336	378	386	441
West Virginia.....	44	50	80	45	40	35	40	49	55	55	58
North Carolina.....	1,171	1,349	1,294	1,242	1,004	696	889	877	1,000	1,039	1,237
South Carolina.....	727	768	760	749	599	446	582	572	614	626	771
Georgia.....	713	883	860	929	686	358	416	549	617	685	866
Florida.....	417	460	427	460	410	381	353	423	418	513	579
South Atlantic.....	3,686	4,191	4,036	4,123	3,909	2,354	2,749	2,968	3,285	3,506	4,181
Kentucky.....	71	91	93	114	105	55	58	63	73	89	117
Tennessee.....	112	151	143	164	119	63	77	92	96	117	141
Alabama.....	478	681	675	644	420	206	287	358	422	468	629
Mississippi.....	219	333	328	404	198	85	104	162	214	239	326
Arkansas.....	75	126	157	158	62	17	22	42	40	49	69
Louisiana.....	93	144	174	175	94	49	62	76	93	117	187
Oklahoma.....	4	8	9	7	7	3	2	5	7	6	7
Texas.....	81	145	192	145	65	34	34	56	62	66	89
South Central.....	1,133	1,679	1,771	1,811	1,070	512	646	854	1,007	1,151	1,535
Washington.....	14	16	18	22	18	12	12	14	17	18	23
Oregon.....	9	10	10	12	11	10	10	9	10	12	12
California.....	103	171	130	142	132	127	126	149	179	207	232
Other States.....	4	4	5	10	14	9	8	10	15	19	29
Western.....	130	151	163	186	175	158	156	182	221	256	296
United States.....	6,843	7,985	7,974	8,163	6,306	4,336	4,871	5,548	6,221	6,838	8,158

¹ This table shows only the tonnage moving through regular commercial channels. Including the superphosphate produced by the Tennessee Valley Authority and distributed to farmers, total tonnage for 1937 was 8,294,000 short tons. Complete data on distribution of the Tennessee Valley Authority superphosphate is not available for 1935 and 1936.

² Revised. The table published in earlier issues of the Yearbook contained data covering the fertilizer year (or tax year) for some States.

³ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the National Fertilizer Association; based on fertilizer tag sales or sale records, or estimates.

TABLE 711.—*Nitrogen in inorganic nitrogenous materials: World production, 1933-1938*

Product	Quantity produced during year ended June 30—					
	1933	1934	1935	1936	1937	1938
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Byproduct sulfate of ammonia.....	283,500	337,800	353,800	414,500	472,800	453,000
Other forms of byproduct nitrogen ¹	43,500	53,100	49,600	50,700	58,400	54,000
Cyanamide.....	185,300	214,800	255,700	296,500	320,800	336,200
Synthetic sulfate of ammonia.....	616,000	588,200	587,500	694,400	758,400	843,300
Nitrate of lime.....	130,100	117,900	168,700	172,000	197,300	214,900
Other forms of synthetic nitrogen ¹	508,300	567,000	669,100	798,100	938,100	1,026,200
Chilean nitrate of soda.....	77,900	92,700	197,300	211,600	227,100	246,900
Total.....	1,844,600	1,971,500	2,281,700	2,637,900	2,973,000	3,174,500

¹ Including nitrogen products used for industrial purposes and ammonia in mixed fertilizers.

Bureau of Chemistry and Soils. Compiled from British Sulfate of Ammonia Federation, Ltd., annual report. Fertilizers are included in this table under the final form as sold; so that, for example, cyanamide, if converted into sulfate of ammonia, is included under synthetic sulfate of ammonia, or, if into Ammophos, is included under other synthetic nitrogen.

TABLE 712.—*Insecticides and fungicides: Production, sales, imports for consumption, and domestic exports, 1932-37*

Item	1932	1933	1934	1935	1936	1937
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Arsenic, white:						
Production ¹	25,408,000	21,300,000	26,192,000	28,474,000	30,758,000	33,466,000
Sales: ²						
Refined.....	21,016,000	17,536,000	13,186,000	11,370,000	13,652,000	13,466,000
Crude.....	3,950,000	6,058,000	18,060,000	13,970,000	17,510,000	21,806,000
Imports for consumption.....	13,764,683	21,116,720	28,219,797	30,149,938	35,171,964	38,542,723
Calcium arsenate:						
Production ¹		15,487,458		43,295,354		
Imports for consumption.....		4,500	24,000		817,200	
Exports.....	2,533,599	2,585,824	3,356,342	4,104,810	6,294,563	5,384,560
Lead arsenate:						
Production ¹		29,815,818		52,145,851		
Imports for consumption.....		1,000				
Exports.....	1,189,629	598,699	650,256	1,156,922	827,560	1,042,880
Sulfate of copper: ³						
Production.....	24,908,525	25,436,881	24,862,944	28,507,526	36,444,550	45,968,040
Imports for consumption.....	3,234,058	46,959		46,092	4,410	83,011
Exports.....	4,132,529	2,749,299	3,858,629	4,508,271	10,734,408	23,528,240
Tobacco extracts, exports ⁴	1,315,947	1,447,215	1,439,533	1,585,805	2,131,849	1,581,695
Sodium arsenate; imports for consumption.....	5,753	4,974	8,244	11,411	4,694	
Prepared animal dips: Imports for consumption.....	62,509	106,751	237,037	163,680	224,097	

¹ Byproduct from the mining of copper, lead, and iron ores (Bureau of Mines). The production for sale in the miscellaneous chemical industry, as reported by the census, was 21,152,574 pounds in 1933, with some plants not reporting.

² Sales by producers (Bureau of Mines).

³ Produced for sale (Bureau of the Census).

⁴ Not comparable with 1933: some plants not reporting in 1933.

⁵ Copper industry only (Bureau of Mines). The production for sale in the miscellaneous chemical industry, as reported by the census, was 56,070,199 pounds in 1933, and 54,759,439 in 1935.

⁶ Nicotine sulfate and other tobacco extracts.

Bureau of Agricultural Economics. Production and sales from Bureau of the Census, and Bureau of Mines (indicated by footnote); imports and exports from the Bureau of Foreign and Domestic Commerce.

TABLE 713.—*Insecticides and fungicides: Average wholesale price per pound at New York, 1929-38*¹

Year	Arsenic, white	Calcium arsenate	Lead arsenate powder	Paris green	Bordeaux mixture		Lime sulfur, solution, per gallon
					Powder	Paste	
	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1929.....	4.5	7.4	13.5	30.9	11.3	10.7	15.2
1930.....	4.5	8.1	14.5	35.2	13.0	13.0	15.2
1931.....	4.5	6.5	12.6	32.5	12.8	12.8	15.2
1932.....	4.5	6.0	11.6	30.1	12.8	12.8	16.3
1933.....	4.4	6.8	10.4	29.7	11.0	11.0	17.0
1934.....	4.2	7.8	10.8	29.5	12.6	12.6	15.1
1935.....	4.0	6.2	9.2	29.5	13.4	-----	14.9
1936.....	4.0	6.2	9.3	29.5	11.5	-----	14.5
1937.....	3.0	6.1	11.3	23.6	10.2	-----	14.5
1938.....	3.0	6.9	12.2	24.4	11.0	-----	-----

¹ Average of monthly range; beginning 1937, average of weekly range.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter.

TABLE 714.—*Farmers' marketing and purchasing associations, estimated membership and estimated business, with percentages, by geographic divisions, leading States, and specified groups, 1937-38 marketing season*¹

Geographic division, State, group	Associations listed ²		Estimated membership ³		Estimated business ⁴	
	Number	Percent	Number	Percent	1,000 dollars	Percent
Geographic division:						
East North Central.....	2,666	24.5	924,530	27.2	676,230	28.2
West North Central.....	4,549	41.7	1,017,410	29.9	613,060	25.5
Pacific.....	949	8.7	199,960	5.9	383,430	16.0
Middle Atlantic.....	506	4.6	275,190	8.1	212,890	8.9
West South Central.....	780	6.7	265,740	7.6	144,080	6.0
South Atlantic.....	466	4.3	160,240	4.7	103,470	4.3
Mountain.....	580	5.3	164,800	4.8	102,790	4.3
New England.....	172	1.6	133,870	3.9	93,250	3.9
East South Central.....	282	2.6	267,260	7.9	70,790	2.9
Total.....	10,900	100.0	3,400,000	100.0	2,400,000	100.0
State:						
Illinois.....	652	6.0	320,060	9.4	276,000	11.5
California.....	522	4.8	82,650	2.4	261,000	10.9
Minnesota.....	1,432	13.1	279,300	8.2	204,000	8.5
New York.....	291	2.7	199,650	5.9	162,000	6.3
Iowa.....	864	7.9	202,730	6.0	134,000	5.6
Wisconsin.....	1,145	10.5	187,750	5.5	120,000	5.0
Ohio.....	344	3.2	167,160	4.9	117,000	4.9
Missouri.....	397	3.6	159,270	4.7	92,000	3.8
Michigan.....	309	2.8	103,230	3.0	82,000	3.4
Indiana.....	216	2.0	146,330	4.3	78,000	3.3
All others.....	4,728	43.4	1,551,840	45.7	884,000	36.8
Total.....	10,900	100.0	3,400,000	100.0	2,400,000	100.0
Marketing:						
Cotton and products.....	415	3.8	350,000	10.3	⁵ 110,000	4.6
Dairy products.....	2,421	22.2	700,000	20.6	686,000	28.6
Fruits and vegetables.....	1,164	10.7	164,000	4.8	300,000	12.5
Grain (dry beans, rice).....	2,619	24.0	360,000	10.6	475,000	19.8
Livestock.....	926	8.5	600,000	17.6	312,000	13.0
Nuts.....	52	.5	15,890	.5	15,800	.6
Poultry and products.....	194	1.8	106,000	3.1	91,000	3.8
Tobacco.....	11	.1	70,000	2.0	13,000	.5
Wool and mohair.....	130	1.2	50,000	1.5	11,300	.5
Miscellaneous ⁷	368	3.4	84,200	2.5	85,900	3.6
Total marketing.....	8,300	76.2	2,500,000	73.5	2,050,000	85.4
Purchasing.....	2,600	23.8	900,000	26.5	350,000	14.6
Total marketing and purchasing.....	10,900	100.0	3,400,000	100.0	2,400,000	100.0

¹ Estimated membership and estimated business for each association is credited to the State in which the association has its headquarters.² Includes independent local associations, federations, large-scale centralized associations, sales agencies, and independent service-rendering associations, and subsidiaries whose business is distinct from that of the parent organizations.³ Includes members, contract members, and shareholders, but does not include patrons not in these categories.⁴ Includes some intra-association transactions.⁵ The purchasing business of the marketing associations is estimated at \$117,000,000, and the marketing business of the purchasing associations is estimated at \$27,000,000. After adjustments the totals are: Marketing \$1,960,000,000, purchasing \$440,000,000, total \$2,400,000,000.⁶ Includes some Government loan cotton.⁷ Includes associations handling commodities not specified above, those handling several types of commodities, and those furnishing special marketing or other services.

Farm Credit Administration.

TABLE 715.—Farmers' marketing and purchasing associations, estimated membership, and estimated business, by commodity groups, 1929-30 to 1937-38

Commodity group	ASSOCIATIONS LISTED 1								
	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37 2	1937-38
Marketing:	Number	Number	Number	Number	Number	Number	Number	Number	Number
Cotton and cotton products.....	199	261	267	274	250	305	311	401	415
Dairy products.....	2,438	2,391	2,392	2,393	2,286	2,300	2,270	2,338	2,421
Fruits and vegetables.....	1,394	1,398	1,347	1,298	1,194	1,062	1,063	1,104	1,164
Grain (dry beans, rice).....	2,443	2,443	3,800	3,131	3,178	3,125	3,010	2,614	2,619
Livestock.....	2,415	2,415	1,670	1,672	1,371	1,197	1,040	1,012	926
Nuts.....	44	71	70	153	147	164	152	49	52
Poultry and poultry products.....	157	160	122	154	147	164	154	144	144
Tobacco.....	15	13	21	20	16	16	14	14	11
Wool and mohair.....	131	136	134	115	120	119	114	139	130
Miscellaneous products 3.....	557	452	467	457	433	433	360	300	308
Total.....	10,546	10,362	10,255	9,352	9,022	8,794	8,388	8,151	8,300
Purchasing.....	1,454	1,588	1,645	1,648	1,848	1,966	2,112	2,601	2,600
Total marketing and purchasing.....	12,000	11,950	11,900	11,000	10,800	10,700	10,500	10,752	10,900
ESTIMATED MEMBERSHIP 4									
Marketing:									
Cotton and cotton products.....	150,000	180,000	240,000	200,000	200,000	255,000	200,000	341,800	350,000
Dairy products.....	650,000	725,000	740,000	724,000	737,000	750,000	750,000	800,000	700,000
Fruits and vegetables.....	218,000	182,000	180,000	170,000	185,000	188,000	166,000	141,700	164,000
Grain (dry beans, rice).....	810,000	775,000	705,000	600,000	600,000	580,000	610,000	332,000	360,000
Livestock.....	465,000	400,000	450,000	440,000	410,000	400,000	600,000	540,000	600,000
Nuts.....	14,000	17,000	18,000	17,500	15,000	14,800	16,000	13,300	15,800
Poultry and poultry products.....	82,000	82,000	88,000	78,000	73,000	68,000	93,000	112,500	106,000
Tobacco.....	75,000	40,000	54,000	60,000	46,000	50,000	60,000	91,200	70,000
Wool and mohair.....	40,000	40,000	44,000	42,000	46,000	43,800	51,400	70,200	50,000
Miscellaneous products 3.....	141,000	133,000	130,000	105,800	113,000	116,260	93,600	65,500	84,200
Total.....	2,630,000	2,608,000	2,667,000	2,457,300	2,464,000	2,490,000	2,710,000	2,414,000	2,500,000
Purchasing.....	470,000	392,000	533,000	542,700	692,000	700,000	950,000	856,000	900,000
Total marketing and purchasing 1.....	3,100,000	2,900,000	3,200,000	3,000,000	3,156,000	3,260,000	3,660,000	3,270,000	3,400,000

ESTIMATED BUSINESS *

Marketing:	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cotton and cotton products.....	110,000	120,000	100,000	100,000	110,000	110,000	110,000	110,000	110,000
Tree products.....	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000
Fruits and vegetables.....	630,000	520,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Grain (dry beans, rice).....	320,000	283,000	200,000	182,000	200,000	212,000	212,000	212,000	212,000
Livestock.....	690,000	621,000	280,000	285,000	300,000	300,000	300,000	300,000	300,000
Nuts.....	320,000	260,000	182,000	162,000	175,000	250,000	250,000	250,000	250,000
Poultry and poultry products.....	14,000	13,000	8,500	11,500	11,300	13,100	13,100	13,100	13,100
Tobacco.....	79,400	89,000	53,000	48,000	53,000	69,000	69,000	69,000	69,000
Food and kindred.....	10,000	10,000	6,500	5,500	7,500	11,500	11,500	11,500	11,500
Miscellaneous products.....	10,800	21,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Total.....	2,310,000	2,185,000	1,199,500	1,213,000	1,343,000	1,586,000	1,882,600	2,050,000	2,050,000
Purchasing.....	190,000	215,000	140,500	152,000	187,000	254,000	313,400	350,000	350,000
Total marketing and purchasing.....	2,500,000	2,400,000	1,340,000	1,365,000	1,530,000	1,840,000	2,196,000	2,400,000	2,400,000

* Includes independent local associations, federations, large-scale centralized associations, sales agencies, and independent service-rendering associations, and subsidiaries whose business is distinct from that of the parent organizations.

* Data are from a survey made by the district banks for cooperatives for 1936.

* Includes associations handling commodities not specified above, those handling several types of commodities, and those furnishing special marketing or other services.

* Includes members, contract members, and shareholders, but does not include persons not in these categories.

* In the light of information received subsequent to the original publication of these data, the estimates are to be revised.

* Includes some intra-association transactions.

* The purchasing business of the marketing associations is estimated at \$117,000,000, and the marketing business of the purchasing associations is estimated at \$27,000,000.

After adjustments the totals are: Marketing \$1,960,000,000, purchasing \$440,000,000, total \$2,400,000,000.

Farm Credit Administration.

TABLE 716.—*Purchases by the Federal Surplus Commodities Corporation, by commodities, fiscal year ended June 30, 1938*¹

Commodity	Quantity	Commodity	Quantity
Apples:		Oranges.....boxes..	1,931,558
Dried.....pounds..	14,556,500	Peaches:	
Fresh.....bushels..	5,625,263	Dried.....pounds..	2,534,000
Apricots, dried.....pounds..	3,590,000	Fresh.....bushels..	7,935
Beans:		Pears, fresh.....boxes..	318,082
Dry.....do.....	56,800,000	Peas:	
Fresh green.....do.....	1,260,810	Canned.....cases..	864,192
Beets, fresh.....do.....	1,096,628	Dried.....pounds..	6,000,000
Butter.....do.....	15,035,479	Potato flour.....do.....	1,761,720
Cabbage.....do.....	33,744,070	Potato starch.....do.....	800,000
Carrots, fresh.....do.....	7,850	Potatoes:	
Celery.....crates..	195,733	Sweetpotatoes.....bushels..	482,536
Cheese.....pounds..	3,445,500	White.....do.....	4,315,049
Cottonseed oil.....do.....	9,780,000	Prunes, dried.....pounds..	109,813,650
Eggs.....cases..	269,611	Raisins.....do.....	30,000,000
Fish.....pounds..	3,677,398	Rice, milled.....do.....	73,190,000
Grapefruit.....boxes..	400,984	Sirup, cane.....gallons..	234,375
Grapefruit juice.....cases..	551,865	Tomatoes:	
Grapes.....pounds..	15,830,826	Canned.....cases..	50,000
Milk:		Fresh.....pounds..	14,952,254
Dry skim.....do.....	21,519,714	Wheat cereal.....do.....	39,907,560
Fluid.....quarts..	12,497,568	Wheat flour.....barrels..	2,429,640
Onions.....pounds..	3,000,000	Whole-wheat flour.....do.....	268,975

¹ These programs are conducted with funds secured pursuant to sec. 32, Public, No. 320, as amended, Corporation funds and State funds. Corporation funds are residual balances resulting from the financing of the activities of the Federal Surplus Commodities Corporation by the Federal Emergency Relief Administration. State funds are the proceeds of the sales of commodities acquired during the drought program of 1934 that were not suitable for relief distribution (principally hides and wool), and funds resulting currently from sale of containers in excess of requirements for maintaining intrastate distribution facilities. The Corporation directs the use of such funds in local surplus commodities purchases.

Federal Surplus Commodities Corporation.

TABLE 717.—*Cumulative purchases by the Federal Surplus Commodities Corporation in surplus removal operations, by commodities, October 1933¹ to June 30, 1938*

Commodity ¹	Quantity	Commodity ¹	Quantity
Apples:		Oat cereal.....pounds..	9,835,648
Dried.....pounds..	16,192,000	Oats, rolled.....do.....	21,154,160
Fresh.....bushels..	8,495,244	Onions.....do.....	50,750,353
Apricots, dried.....pounds..	3,590,000	Oranges.....boxes..	2,227,210
Beans:		Peaches:	
Dried.....do.....	80,099,377	Dried.....pounds..	5,474,000
Fresh green.....do.....	1,333,033	Fresh.....bushels..	7,935
Beets, fresh.....do.....	1,243,153	Pears, fresh.....boxes..	585,879
Butter.....do.....	95,921,427	Peas:	
Cabbage, fresh.....do.....	88,077,499	Canned.....cases..	864,192
Carrots, fresh.....do.....	2,680,440	Dried.....pounds..	30,592,645
Cattle and calves.....number	3,663	Fresh green.....do.....	2,553,614
Cauliflower.....crates..	78,670	Potato flour.....do.....	1,761,720
Celery.....do.....	264,713	Potato starch.....do.....	800,000
Cheese.....pounds..	22,634,581	Potatoes:	
Cherries, canned.....No. 10 cans.	30,000	Sweetpotatoes.....bushels..	594,274
Comforter covering.....yards..	63,383,203	White.....do.....	9,213,535
Cotton:		Prunes, dried.....pounds..	205,273,925
Raw.....pounds..	108,423,802	Raisins.....do.....	30,000,000
Ticking.....yards..	23,969,805	Rice, milled.....do.....	127,554,483
Cottonseed oil.....pounds..	9,780,000	Sirup, cane.....gallons..	1,621,470
Eggs.....cases..	901,937	Sirup, sorghum.....do.....	148,085
Flax, dried.....pounds..	809,800	Tomatoes:	
Fish.....do.....	16,025,135	Canned.....cases..	50,000
Grapefruit.....boxes..	2,558,695	Fresh.....pounds..	15,203,098
Grapefruit juice.....cases..	1,266,935	Turnips, fresh.....do.....	1,570,665
Grapes.....pounds..	19,019,262	Walnut, Persian (English).....do.....	1,014,000
Hoes.....number..	1,573	Wheat cereal.....do.....	39,907,560
Milk:		Wheat (for milk wheat).....bushels..	500,000
Condensed.....pounds..	790,004	Wheat flour.....barrels..	2,429,640
Dry skim.....do.....	64,145,132	Wheat (for flour).....bushels..	10,115,393
Evaporated.....cases..	1,674,075	Whole-wheat flour.....barrels..	268,975
Fluid.....quarts..	12,497,568		

¹ Date of the formation of the Corporation. It was organized as the Federal Surplus Relief Corporation. The name was changed to the Federal Surplus Commodities Corporation on Nov. 18, 1935.

² These commodities were purchased with funds secured pursuant to sec. 32, Public, No. 320, as amended, Corporation funds, State funds, and drought relief and other funds secured from the Agricultural Adjustment Administration.

Federal Surplus Commodities Corporation. See also table 718.

TABLE 718.—Other purchase programs conducted by the Federal Surplus Relief Corporation in conjunction with the Agricultural Adjustment Administration, October 1933 to December 31, 1935¹

Commodity	Quantity ²	Commodity	Quantity ²
Cattle and calves.....number.....	8,280,204	Pork:	
Corn meal.....pounds.....	789,600	Salt.....pounds.....	4,549,637
Cotton toweling.....yards.....	26,700,562	Smoked.....do.....	65,346,032
Feed, grain.....bushels.....	13,240,135	Sausage.....do.....	384,000
Fodder and stover.....tons.....	7,620	Seed grain.....bushels.....	19,057,513
Goats.....number.....	364,658	Sheep.....number.....	3,638,162
Grass seed.....pounds.....	17,055,225	Sheeting.....yards.....	20,968,723
Hay and straw.....tons.....	4,916	Shipping containers.....number.....	366,335
Hogs.....number.....	7,776,000	Sugar, beet.....pounds.....	11,500,000
Lard.....pounds.....	23,873,928		

¹ These emergency purchases were made by the Federal Surplus Relief Corporation, the predecessor of the present organization, and by the Agricultural Adjustment Administration prior to Dec. 31, 1935, primarily for relief needs. They are in addition to those reported in table 717.

² Purchases from Corporation, State, and Agricultural Adjustment Administration funds are included, Federal Surplus Commodities Corporation.

TABLE 719.—Index numbers of freight rates on livestock, wheat, and cotton, 1913-38

Year beginning July	Livestock									Total	Wheat	Cotton ¹	
	Cattle				Hogs			Sheep					
	Western dis- trict	Eastern dis- trict	Southern dis- trict	United States	Western dis- trict	Eastern dis- trict	United States	Western dis- trict	Eastern dis- trict				United States
1913.....	100	100	100	100	100	100	100	100	100	100	100	100	100
1914.....	100	104	100	100	99	102	100	99	102	99	100	101	100
1915.....	100	108	99	101	99	107	101	98	105	99	101	100	100
1916.....	100	113	98	102	99	116	102	98	112	100	102	101	100
1917.....	101	116	98	103	100	122	104	99	129	103	103	101	103
1918.....	126	158	120	129	124	169	132	118	167	126	130	128	133
1919.....	128	157	120	131	124	169	132	119	167	127	131	128	136
1920.....	166	207	148	170	161	222	172	152	225	164	170	164	171
1921.....	164	211	147	169	160	230	173	148	226	160	169	160	170
1922.....	155	197	137	160	153	218	164	137	199	147	160	150	164
1923.....	154	201	136	159	153	217	164	137	200	147	160	150	164
1924.....	152	199	136	158	151	214	163	137	200	146	158	150	166
1925.....	152	199	136	158	150	214	161	135	200	145	157	150	166
1926.....	152	199	136	157	150	214	161	134	200	144	157	150	166
1927.....	151	201	136	157	150	214	161	134	200	144	157	149	165
1928.....	151	198	136	157	150	205	160	135	189	143	156	148	164
1929.....	151	195	136	156	150	199	159	135	181	142	155	146	163
1930.....	151	190	136	156	150	198	158	135	183	142	155	146	159
1931.....	157	187	136	160	149	198	158	135	185	143	155	139	180
1932.....	163	186	136	165	147	199	159	134	185	142	155	146	108
1933.....	161	186	136	163	146	199	155	134	185	142	155	146	95
1934.....	153	186	136	157	133	191	144	132	185	140	146	146	95
1935.....	150	186	136	154	131	190	141	132	185	140	144	139	97
1936.....	150	186	136	154	131	190	142	132	185	140	144	138	97
1937.....	151	189	137	155	134	192	144	134	187	142	147	140	102
1938 ²	168	197	142	171	154	209	164	141	193	149	163	145	106

¹ Beginning 1932 alternative rates, depending on loading, were established. To preserve comparability rate for highest weight to which shippers could load without having cotton compressed at own expense was used in computation of index.

² Preliminary. Based on rates in effect through Jan. 10, 1939.

Bureau of Agricultural Economics. These relatives are based on the average of the rates in effect during the crop year. Rates in effect in 1913=100.

TABLE 720.—*Freight tonnage originating on railways in the United States, 1931-37*¹

Commodity	1931	1932	1933	1934	1935	1936	1937
FARM PRODUCTS							
Animal and animal products:	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Animals, live:	short tons	short tons	short tons	short tons	short tons	short tons	short tons
Horses and mules.....	316	230	251	353	347	309	247
Cattle and calves.....	6,097	4,896	4,496	7,279	4,710	4,703	4,505
Sheep and goats.....	1,343	1,085	1,008	1,059	1,010	1,027	1,033
Hogs.....	4,501	3,885	3,608	3,004	1,643	2,130	1,743
Packing-house products:							
Fresh meats.....	2,933	2,724	2,951	3,229	2,582	2,935	2,758
Hides and leather.....	782	635	734	790	884	877	845
Other products.....	1,140	1,052	992	883	527	607	553
Total.....	4,855	4,431	4,677	4,902	3,993	4,419	4,156
Eggs.....	532	424	422	403	323	332	327
Butter and cheese.....	758	735	756	772	678	663	639
Poultry.....	416	392	402	377	294	310	283
Wool.....	338	271	336	337	339	206	275
Other animals and products	2,366	1,716	1,665	1,975	1,708	2,020	1,995
Total animals and animal products.....	21,632	18,055	17,651	20,363	15,125	16,209	15,233
Vegetable products:							
Cotton.....	2,432	2,777	3,374	2,593	2,962	3,782	3,904
Fruits and vegetables.....	11,906	9,866	8,925	9,413	9,511	9,914	10,016
Potatoes.....	4,114	3,418	3,466	3,804	3,383	3,476	3,650
Grain and grain products:							
Grain:							
Wheat.....	26,228	19,120	16,501	16,018	15,931	16,575	21,206
Corn.....	10,728	9,544	12,310	11,427	7,805	11,398	9,220
Oats.....	3,970	3,399	3,353	2,501	2,923	3,229	3,407
Other grain.....	2,924	2,229	2,995	3,213	3,886	4,735	4,434
Grain products:							
Flour and meal.....	10,067	9,319	8,998	8,932	8,649	9,191	8,951
Other mill products.....	8,783	6,629	6,779	7,095	6,765	8,115	7,855
Total.....	62,700	50,240	50,938	49,186	45,960	53,243	55,073
Hay, straw, and alfalfa.....	2,174	1,569	1,476	2,563	1,598	1,344	1,511
Sugar, sirup, glucose, and molasses.....	5,142	4,286	4,779	5,059	4,895	5,428	6,361
Tobacco.....	816	642	680	679	647	618	758
Other vegetable products.....	13,346	12,405	12,845	11,153	12,276	14,272	14,548
Total vegetable products.....	102,630	85,203	86,481	84,365	81,232	92,076	95,821
Canned goods (food products).....	3,954	3,167	3,303	3,816	3,844	4,408	4,607
Total farm products.....	128,216	105,425	107,440	108,544	100,201	112,783	115,961
OTHER FREIGHT							
Products of mines.....	501,903	362,226	395,065	436,380	445,136	541,488	569,746
Products of forests.....	43,024	26,109	33,165	35,650	42,493	53,156	58,658
Manufactures.....	198,270	136,229	148,922	170,377	187,766	235,111	254,333
Merchandise, all l. c. l. freight.....	22,773	15,234	14,351	14,345	14,039	16,292	17,188
Grand total.....	894,186	646,223	698,943	765,296	789,627	958,830	1,015,586

¹ Weight as delivered at original shipping point. In the case of freight transported over several different railways, each ton is counted only when transported by the first railway. Some traffic, reshipped under new billing without benefit of transit privileges or proportional rates, may be counted more than once.

Bureau of Agricultural Economics. Compiled from reports of the Interstate Commerce Commission. Figures for earlier years appear in the Yearbook and in previous issues of Agricultural Statistics.

TABLE 721.—Cooperative extension workers: Number employed, United States, June 30, 1937 and 1938¹

State or territory	County agricultural agents and assistants		County home demonstration agents and assistants		County club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1937	1938	1937	1938	1937	1938	1937	1938	1937	1938	1937	1938
Alabama.....	158	172	96	103	—	—	15	16	21	28	290	319
Arizona.....	15	17	8	8	—	—	2	2	10	9	35	36
Arkansas.....	94	103	95	101	—	—	18	14	23	20	232	247
California.....	124	120	32	31	—	—	11	11	25	26	192	188
Colorado.....	59	59	16	17	—	—	7	11	25	21	107	108
Connecticut.....	13	14	8	8	—	—	16	5	5	28	30	73
Delaware.....	4	4	3	3	—	—	4	3	8	7	21	22
Florida.....	63	66	46	46	—	—	3	3	3	8	71	73
Georgia.....	194	199	117	115	—	—	13	14	17	17	139	143
Idaho.....	30	31	7	7	2	3	17	19	29	36	357	370
Illinois.....	98	98	52	54	4	4	8	6	16	14	63	61
Indiana.....	99	108	38	45	4	4	25	24	44	44	223	224
Iowa.....	102	100	42	50	43	39	18	18	84	81	289	288
Kansas.....	129	131	39	44	4	5	19	17	51	50	242	247
Kentucky.....	165	157	55	55	—	—	22	22	35	35	277	269
Louisiana.....	100	105	72	73	—	—	17	16	20	24	209	218
Maine.....	17	17	14	13	9	9	6	5	17	16	63	60
Maryland.....	33	32	29	28	—	—	8	8	33	33	103	101
Massachusetts.....	19	18	19	15	27	25	9	10	26	27	100	95
Michigan.....	72	73	21	20	19	17	19	18	51	52	182	180
Minnesota.....	105	104	26	26	74	65	14	15	33	35	252	245
Mississippi.....	163	157	109	106	—	—	24	24	32	31	318	318
Missouri.....	161	149	66	63	—	—	16	17	31	33	264	262
Montana.....	44	43	14	11	—	—	7	6	16	18	81	77
Nebraska.....	100	97	27	27	—	—	16	15	36	41	179	180
Nevada.....	15	14	5	4	—	—	2	3	4	4	27	25
New Hampshire.....	12	12	11	11	14	14	5	6	20	21	62	64
New Jersey.....	24	25	23	23	9	9	3	5	27	29	86	91
New Mexico.....	51	36	18	18	—	—	7	9	9	11	65	74
New York.....	211	214	91	97	60	65	17	13	99	107	326	322
North Carolina.....	60	54	7	11	—	—	19	20	39	41	360	372
Ohio.....	101	99	40	45	10	6	13	12	20	25	101	102
Oklahoma.....	92	91	90	92	—	—	14	13	51	60	216	223
Oregon.....	45	45	9	11	11	12	18	18	27	29	227	230
Pennsylvania.....	71	88	62	64	—	—	10	8	21	21	96	97
Rhode Island.....	2	3	3	3	3	3	16	16	58	51	207	219
South Carolina.....	83	81	63	63	—	—	3	4	13	13	24	26
South Dakota.....	69	66	18	21	—	—	16	16	29	24	191	194
Tennessee.....	180	180	77	77	8	5	10	8	17	22	119	122
Texas.....	322	330	226	231	—	—	20	17	28	44	305	318
Utah.....	28	29	8	8	—	—	38	37	33	36	619	634
Vermont.....	13	14	13	13	13	12	5	6	12	12	57	57
Virginia.....	161	166	65	67	—	—	6	6	12	12	57	57
Washington.....	69	66	14	15	3	2	18	18	43	43	287	294
West Virginia.....	55	56	30	36	18	18	5	6	14	15	105	104
Wisconsin.....	75	71	24	24	8	6	12	10	33	28	148	148
Wyoming.....	19	20	8	8	—	—	13	14	69	71	189	185
Alaska.....	1	—	1	2	—	—	2	2	8	13	40	47
Hawaii.....	12	16	11	11	—	—	4	5	7	8	34	40
Puerto Rico.....	48	44	11	12	—	—	8	5	4	7	71	71
Total.....	4,045	4,075	2,024	2,092	361	340	632	624	1,450	1,551	8,521	8,682

¹ Includes both white and Negro extension workers.

Extension Service.

TABLE 722.—Cooperative extension work: Projects and percentage of agents' and specialists' time devoted to each, 1930-37¹

Project	1930	1931	1932	1933	1934	1935	1936	1937
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Farm crops.....	15.2	13.8	12.1	14.3	28.7	29.9	18.6	16.2
Horticulture.....	8.7	9.4	10.3	9.8	7.4	7.6	7.4	7.7
Forestry.....	.9	.9	.9	.9	.5	.7	.8	1.0
Animal husbandry.....	6.5	6.7	6.8	5.5	11.6	9.0	7.0	7.4
Dairy husbandry.....	7.7	6.7	5.8	4.7	3.7	3.6	3.4	4.2
Poultry husbandry.....	7.7	6.8	6.5	5.8	3.3	3.5	4.0	4.0
Rural engineering.....	3.3	3.1	2.9	2.6	1.0	3.0	4.4	4.7
Rodents and insects.....	1.3	1.4	1.6	1.3	1.4	.9	1.0	1.7
Agricultural economics.....	6.2	6.8	7.4	8.5	8.2	7.4	13.7	8.7
Foods and nutrition.....	7.0	7.1	8.0	8.0	7.8	7.3	7.0	7.2
Child development and parent education.....	.6	.6	.7	.6	.6	.6	.7	.7
Clothing.....	6.7	6.6	6.4	6.3	5.6	5.6	5.8	6.0
Home management.....	2.1	2.0	2.0	1.7	1.4	1.6	1.8	2.1
House furnishings.....	2.6	2.7	2.7	2.5	2.1	2.4	2.9	3.3
Home health and sanitation.....	1.3	1.2	1.0	1.1	1.0	1.0	.9	1.1
Community activities.....	4.0	5.3	5.0	4.7		3.4	4.4	5.9
Formulation of the extension program.....	3.7	3.7	4.4	4.4	15.1	8.0	10.9	13.4
Organization.....	7.1	7.2	8.0	8.4				
Miscellaneous.....	7.5	8.0	7.5	8.9		4.5	5.3	4.7

¹ Only field work of specialists as reported by county extension agents is included.

Extension Service.

TABLE 723.—Extension activities and accomplishments, as reported by all extension agents, 1932-37

Total activity or accomplishment relating to extension	1932	1933	1934	1935	1936	1937
	Number	Number	Number	Number	Number	Number
Farm visits made.....	1,831,319	1,693,319	2,031,942	2,210,720	2,648,028	2,857,133
Home visits made.....	633,784	658,095				
Office calls received.....	5,202,539	8,007,508	21,489,350	24,075,194	19,983,878	18,107,575
Telephone calls received.....	3,208,761	3,675,178	6,166,173	7,402,460	5,941,992	5,979,610
News articles or stories published.....	491,687	469,122	568,787	670,824	691,611	735,773
Individual letters written.....	4,412,223	4,569,338	8,863,639	11,304,124	9,597,798	8,983,693
Different circular letters prepared.....	247,536	250,480	391,088	414,788	472,293	436,650
Bulletins distributed.....	8,216,890	8,214,816	11,821,802	11,315,149	11,881,395	12,785,975
Radio talks made.....	8,133	7,881	8,884	11,669	13,923	18,497
Events at which exhibits were shown.....	22,341	22,510	21,190	20,496	29,547	33,088
Training meetings held for local leaders.....	55,334	60,021	104,670	90,114	98,157	100,401
Method demonstration meetings held.....	491,060	474,858	425,413	453,242	520,734	532,542
Meetings at result demonstrations.....	66,525	60,065	79,246	78,918	83,211	95,147
Tours conducted.....	10,699	10,646	9,699	6,621	15,956	17,535
Achievement days held.....	16,759	17,527	18,101	19,305	22,970	26,905
Counties reporting encampments held.....	2,222	1,550	1,370	1,515	1,900	1,967
All meetings held.....	906,373	878,897	928,908	981,401	1,642,707	1,172,590
Attendance at all meetings held.....	31,495,656	30,139,724	31,714,908	33,898,959	46,819,084	39,052,454
Result demonstrations conducted.....	1,220,082	1,378,315	876,623	788,615	881,206	867,504
Voluntary local leaders assisting with—						
Adult extension.....	311,604	327,960	286,148	318,548	367,756	407,522
Junior extension.....	105,254	104,503	93,951	106,403	115,488	125,180
Adult home demonstration groups.....	41,131	43,108	43,196	41,504	42,778	45,957
Members of such groups.....	803,203	959,967	927,357	950,927	906,153	1,070,273

Extension Service.

TABLE 724.—4-H Club work: Number of clubs, enrollment, projects completed, etc., 1931-37¹

Item	1931	1932	1933	1934	1935	1936	1937
Junior clubs.....	60,781	59,081	57,400	55,685	60,720	68,341	70,396
Different boys enrolled.....	350,653	381,573	378,143	366,703	405,691	479,232	503,524
Different girls enrolled.....	529,721	544,039	543,822	549,359	592,053	666,276	688,861
Total enrollment.....	880,374	925,612	921,965	916,062	997,744	1,145,508	1,192,385
Different boys completing ²	252,328	271,339	266,601	253,426	279,228	324,763	361,171
Different girls completing ²	376,915	399,383	399,253	398,375	426,506	474,736	500,787
Total completing.....	629,243	670,722	665,854	651,801	705,734	799,499	861,958
Projects started.....	1,693,866	1,765,480	1,762,855	1,705,028	1,869,366	2,159,326	2,336,721
Projects completed (total) ²	1,114,065	1,205,108	1,185,563	1,140,922	1,242,323	1,432,846	1,593,329
Cereals.....	44,595	47,414	42,086	39,183	49,351	58,289	65,213
Legumes and forage.....	10,582	12,757	10,921	10,571	12,334	14,252	13,404
Potatoes, cotton, and other special crops.....	45,883	42,406	41,046	41,631	43,585	47,121	63,900
Horticulture.....	156,392	178,943	173,898	165,364	187,674	205,617	212,844
Forestry.....	7,877	11,416	11,938	10,340	11,566	11,720	14,699
Rural engineering.....	7,168	7,298	8,045	5,859	8,730	10,571	8,631
Dairy.....	38,862	38,670	35,873	33,923	34,356	37,088	38,805
Animal husbandry.....	68,547	78,590	78,211	70,425	74,881	100,079	108,574
Poultry.....	62,058	66,124	67,901	64,525	67,674	83,579	86,281
Agricultural economics.....	6,558	6,696	7,423	11,413	4,642	5,833	4,167
Food and nutrition.....	226,360	247,914	232,555	246,569	274,403	300,040	329,993
Child development and parent education.....	5,360	6,142	2,706	2,627	2,503	3,379	4,106
Clothing.....	231,749	233,341	233,701	237,027	249,243	283,171	294,343
Home management.....	21,000	24,450	20,278	15,651	21,175	23,926	28,964
House furnishings.....	52,753	62,435	64,473	55,937	59,612	76,493	88,316
Home health and sanitation.....	79,812	84,519	78,091	89,751	94,927	114,052	130,201
Miscellaneous.....	48,479	55,993	56,417	40,126	45,667	58,116	80,888

¹ 4-H stands for head, heart, hands, health.² Different boys and girls completing is the sum of the individual boys and girls completing one or more projects in contrast to project completions which is the sum of all the projects completed by all boys and girls.

Extension Service.

TABLE 725.—Net imports and price per pound of raw silk; and production, net imports, and price per pound of rayon yarn, United States, 1929-38

Year	Raw silk		Rayon yarn			
	Net Im- ports ¹	Average price ²	Produc- tion	Net im- ports ¹	Average price ²	
					150A denier	300A denier
	1,000 pounds	Dollars	1,000 pounds	1,000 pounds	Dollars	Dollars
1929.....	96,848	4.933	121,400	20,318	1.246	1.073
1930.....	80,381	3.415	127,300	6,009	1.059	.900
1931.....	87,540	2.401	130,880	3,460	.758	.636
1932.....	74,841	1.561	134,670	2,501	.660	.538
1933.....	70,361	1.612	213,500	6,157	.609	.503
1934.....	60,447	1.298	208,300	4,887	.387	.487
1935.....	72,361	1.633	257,560	3,240	.573	.480
1936.....	67,541	1.766	277,630	21,349	.386	.454
1937.....	64,169	1.838	312,680	34,047	.623	.498
1938 ³	57,050	1.706	257,600	24,599	.522	.458

¹ Net imports are imports minus reexports; beginning 1934, imports for consumption.² Average of monthly-average prices of Japanese silk double extra 13-15; 78 percent white at New York. Basis for trading on New York Raw Silk Exchange.³ Average of monthly-average prices of domestic yarn, first quality. The count indicates the number of deniers or 1/16-decigram units, in weight, of a standard length of 450 meters. Since the standard is based on an arbitrary fixed length and a variable weight, the finer the yarn the smaller the count; 150-denier count, a size commonly used, is fine and 300-denier count is coarse.⁴ Net exports.⁵ Preliminary.

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Compiled as follows:

Net imports from Foreign Commerce and Navigation of the United States.

Prices from bulletins of the U. S. Bureau of Labor Statistics.

Production of rayon yarn from the Textile Organon.

TABLE 726.—Gold value of the dollar, and dollar value of gold in London, April 1933–May 1939¹

Date	Gold value of the dollar	Dollar value of gold per ounce		Date	Gold value of the dollar	Dollar value of gold per ounce	
		Actual	Relative			Actual	Relative
1933							
Apr. 1-15 ¹	Cents 100.0	Dollars 20.67	100.0	Monthly averages—Con.			
Monday of each week: ²				1935			
Apr. 3	100.2	20.62	99.8	January	Cents 50.6	Dollars 34.70	167.9
Apr. 10	100.1	20.64	99.9	February	50.4	34.79	168.3
Apr. 17	100.0	20.67	100.0	March	50.0	35.01	169.4
Apr. 24	90.2	22.92	110.9	April	50.3	34.87	168.7
May 1	85.9	24.07	116.4	May	50.3	34.88	168.7
May 8	84.9	24.35	117.8	June	50.3	34.86	168.7
May 15	84.8	24.39	118.0	July	50.2	34.91	168.9
May 22	86.5	23.89	115.6	August	50.3	34.87	168.7
May 29	84.1	24.59	119.0	September	50.4	34.78	168.3
June 6	83.4	24.78	119.9	October	50.4	34.77	168.2
June 12	80.9	25.54	123.6	November	50.4	34.80	168.4
June 19	81.6	25.34	122.6	December	50.4	34.78	168.3
June 26	79.6			1936			
July 3	75.1	27.54	133.3	January	50.1	34.95	169.1
July 10	69.3	29.83	144.2	February	50.7	35.23	170.4
July 17	69.3	29.82	144.3	March	50.0	35.05	169.6
July 24	71.6	28.88	139.7	April	50.4	34.81	168.4
July 31	74.3	27.81	134.5	May	50.3	34.83	168.5
Aug. 8	74.0	27.92	135.1	June	50.4	34.82	168.5
Aug. 14	74.7	27.68	133.9	July	50.2	34.89	168.8
Aug. 21	73.2	28.23	136.6	August	50.4	34.78	168.3
Aug. 28	71.2	29.04	140.5	September	50.4	34.79	168.3
Sept. 5	69.5	29.74	143.9	October	50.4	34.77	168.2
Sept. 11	70.6	29.28	141.7	November	50.4	34.77	168.2
Sept. 18	65.8	31.41	152.0	December	50.4	34.77	168.2
Sept. 25	65.6	31.49	152.3	1937			
Oct. 2	64.8	31.92	154.4	January	50.4	34.78	168.3
Oct. 9	66.6	31.04	150.1	February	50.4	34.78	168.3
Oct. 16	71.8	28.78	139.2	March	50.4	34.77	168.2
Oct. 23	69.3	29.83	144.3	April	50.5	34.73	168.0
Oct. 30	65.6	31.52	152.5	May	50.5	34.73	168.0
Nov. 6	64.3	32.16	155.8	June	50.6	34.69	167.8
Nov. 13	62.3	33.19	160.6	July	50.4	34.77	168.2
Nov. 20	61.2	33.78	163.4	August	50.4	34.77	168.2
Nov. 27	63.1	32.75	158.4	September	50.4	34.82	168.5
Dec. 4	64.1	32.23	155.9	October	50.1	35.00	169.3
Dec. 11	63.2	32.73	158.3	November	50.2	34.93	169.0
Dec. 18	63.5	32.54	157.4	December	50.2	34.93	169.0
Dec. 27	63.7	32.43	156.9	1938			
1934							
Jan. 2	62.9	32.88	159.1	January	50.2	34.91	168.9
Jan. 8	64.1	32.24	156.0	February	50.9	35.07	169.7
Jan. 15	62.9	32.86	159.0	March	50.3	34.88	168.7
Jan. 22	62.0	33.33	161.2	April	50.4	34.80	168.4
Jan. 29	62.5	33.06	159.9	May	50.4	34.80	168.4
Feb. 5	59.9	34.51	167.0	June	50.2	34.89	168.8
Feb. 12	59.0	34.51	167.0	July	50.4	34.82	168.5
Feb. 19	59.8	34.56	167.2	August	50.4	34.78	168.3
Feb. 26	59.6	34.67	167.7	September	50.5	34.71	167.9
Mar. 5	59.5	34.72	168.0	October	50.4	34.76	168.2
Mar. 12	59.5	34.74	168.1	November	50.4	34.77	168.2
Mar. 19	59.5	34.74	168.1	December	50.4	34.77	168.2
Mar. 26	59.4	34.77	168.2	1939			
Monthly averages: ⁴							
April	50.3	34.83	168.5	January	50.4	34.77	168.2
May	50.4	34.80	168.4	February	50.4	34.77	168.2
June	50.4	34.79	168.3	March	50.4	34.77	168.2
July	50.4	34.77	168.2	April	50.5	34.76	168.2
August	50.9	35.12	169.9	May	50.5	34.76	168.2
September	50.8	35.18	170.2				
October	50.1	34.93	169.3				
November	50.4	34.80	168.4				
December	50.4	34.78	168.3				

¹ Based on the open market price of gold in London, converted at the dollar exchange rate at the "fixing of the gold price" each day at or near 11 a. m. (London time).

² Par.

³ Values are for Monday unless it falls on a holiday, when they are for the next business day.

⁴ Monthly values are averages of daily quotations.

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Gold payments were suspended Apr. 19, 1933, and on Jan. 31, 1934, the price of gold in the United States was set at \$35 per fine ounce, compared with the predevaluation price of \$20.67. Since this transition period the dollar price of gold in London has fluctuated within a range of about 2 percent.

